

**NYC Department of Education
Building Condition Assessment Survey 2010-2011**

Electrical Inspection

M102

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

InspectionId	Inspection Type	Time In	Last Edited
1610050	ELECTRICAL	2010-12-08 08:35AM	2010-12-21 03:11PM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Library - Raceway with Receptacles Years: 2010 Systems: Speakers and Clocks (Most) Years: 2010 Systems: Public Address System Years: 2008 Systems: Fire Alarm System Years: 2008 Systems: Electrical Service Switch, Switchboard and Panel boards Years: 2008 Systems: Local Sound System Years: 2008 Systems: Surface Fluorescent Lights in All Staircases Years: 2008 Systems: Telephone System, LAN Years: 2002 Systems: Intrusion Alarm System Years: 1996 Systems: Smartboards Years: 2010 Systems: Lighting Years: 1990's (Estimated)
Type of Service	Below Ground

Priority Condition

Condition Description	Component Affected	Location Description	Person(s) Notified
Water Penetration	Conduit and Motor Starter	Boiler Room and Fan Room in 1959 Building	Genaro Bonono (Fireman)
Use as Storage	Electrical Service Switch	Electrical Room in 1st Floor	Genaro Bonono (Fireman)

Inspection

Question	Response
ELECTRICAL	
ATHLETIC FIELD	Does not exist
AUDITORIUM	Inspected
Instance	2nd Floor
HOUSE LIGHTING	
Instance on 2nd Floor	Inspected
Does a Chandelier Exist?	No
Lighting Fixture - Fluorescent	
Instance on 2nd Floor	Inspected
Pendant Mounted	
Instance on 2nd Floor	Inspected
Instance Condition	3- Fair
Deficiency	LIGHTING FIXTURE LAMP NOT OPERATIONAL/MISSING
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Recessed Mounted	

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Question	Response
AUDITORIUM	
HOUSE LIGHTING	
Lighting Fixture - Fluorescent	
Recessed Mounted	
Instance on 2nd Floor	Inspected
Instance Condition	3- Fair
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE - NON DEFECTIVE
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 2nd Floor	Inspected
Instance Condition	3- Fair
Deficiency	LIGHTING FIXTURE LENS MISSING
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	INSTALL LENS
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	LIGHTING FIXTURE LAMP NOT OPERATIONAL/MISSING
Deficiency Quantity	4
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Lighting Fixture - HID	
Instance on 2nd Floor	Does not exist
Lighting Fixture - Incandescent	
Instance on 2nd Floor	Does not exist
LOCAL SOUND SYSTEM	
Instance on 2nd Floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
PROJECTION SYSTEM	
Instance on 2nd Floor	Does not exist
THEATER LIGHTING SYSTEM	
Instance on 2nd Floor	Does not exist
AUXILIARY SIGNAL/BELL SYSTEM	
Instance	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
CAFETERIA	
Instance	Inspected
Instance	1st Floor
LIGHTING	
Instance on 1st Floor	Inspected
Lighting Fixture - Fluorescent	
Instance on 1st Floor	Inspected
Pendant Mounted	
Instance on 1st Floor	Does not exist
Recessed Mounted	
Instance on 1st Floor	Does not exist

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Question	Response
CAFETERIA	
LIGHTING	
Lighting Fixture - Fluorescent	
Surface Mounted	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
Instance on 1st Floor	Does not exist
Lighting Fixture - Incandescent	
Instance on 1st Floor	Does not exist
LOCAL SOUND SYSTEM	
Instance on 1st Floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
CITY FIRE ALARM SYSTEM	
Condition	Inspected
Deficiency	3- Fair
Deficiency	No deficiencies recorded
CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE	
LIGHTING	
Does a Chandelier Exist?	Inspected
Does a Chandelier Exist?	No
Lighting Fixture - Fluorescent	
Pendant Mounted	
Condition	Inspected
Condition	3- Fair
Deficiency	LIGHTING FIXTURE LENS MISSING
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	INSTALL LENS
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	LIGHTING FIXTURE LAMP NOT OPERATIONAL/MISSING
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Quantity	570
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	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
Lighting Fixture - Incandescent	
Pendant Mounted	
Recessed Mounted	
Surface Mounted	
Condition	Inspected
Condition	3- Fair

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Question	Response
CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE	
LIGHTING	
Lighting Fixture - Incandescent	
Surface Mounted	
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
SMART BOARD	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
COMPUTER LAB	Does not exist
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
Non Battery Pack	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
EXIT LIGHT	Inspected
BATTERY PACK	Does not exist
Non Battery Pack	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
EXIT/EMERGENCY LIGHT	Does not exist
FIRE ALARM SYSTEM	Inspected
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 CUTOFF PANEL	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
HEAT DETECTOR	Inspected
Condition	1- Good

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Question	Response
FIRE ALARM SYSTEM	
HEAT DETECTOR	
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 Lobby
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	GE
Model	EST- 2
EquipmentId	Fire Alarm Control Panel
Capacity/Size	10 zones
Installation Year	2008
Source of Installation Year	Documented
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
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	3- Fair
Deficiency	No deficiencies recorded
GYMNASIUM	Inspected
Instance	1st Floor
LIGHTING	
Instance on 1st Floor	Inspected
Lighting Fixture - Fluorescent	
Instance on 1st Floor	Does not exist
Lighting Fixture - HID	
Instance on 1st Floor	Inspected
Pendant Mounted	
Instance on 1st Floor	Does not exist

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Question	Response
GYMNASIUM	
LIGHTING	
Lighting Fixture - HID	
Recessed Mounted	
Instance on 1st Floor	Does not exist
Surface Mounted	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	LIGHTING FIXTURE BALLAST DEFECTIVE
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	REPLACE BALLAST
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Lighting Fixture - Incandescent	
Instance on 1st Floor	Does not exist
LOCAL SOUND SYSTEM	
Instance on 1st Floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
SCOREBOARD	
Instance on 1st Floor	Does not exist
THEATER LIGHTING SYSTEM	
Instance on 1st Floor	Does not exist
INTERCOM SYSTEM	Does not exist
KITCHEN/WARMING PANTRY	Inspected
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	LIGHTING FIXTURE LAMP NOT OPERATIONAL/MISSING
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Recessed Mounted	
Instance on 1st Floor	Does not exist
Surface Mounted	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
Instance on 1st Floor	Does not exist
Lighting Fixture - Incandescent	
Instance on 1st Floor	Does not exist
LAN	Inspected
LOCAL DISTRIBUTION FRAME (I/LDF)	Inspected
Condition	2- Between Good and Fair

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Question	Response
LAN	
LOCAL DISTRIBUTION FRAME (I/LDF)	
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	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
SMART BOARD	
Instance on Room 402	Does not exist
LIGHTING - SECURITY LIGHTS	Inspected
Condition	3- Fair
Replacement Quantity	12
Replacement Uom	EACH
Deficiency	No deficiencies recorded
LIGHTNING PROTECTION	Does not exist
LOCKER ROOM	Does not exist
MOTOR CONTROL CENTER	Does not exist
MOTOR STARTER/CONTACTOR	Inspected
Condition	3- Fair
Deficiency	MOTOR STARTER NOT OPERATIONAL
Deficiency Location/Instance	Fan Room, Boiler Room
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	MOTOR STARTER BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Fan Room, Boiler Room
Deficiency Quantity	19
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE

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Question	Response
MOTOR STARTER/CONTACTOR	
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
MULTIPURPOSE ROOM	Inspected
Instance	1st Floor
LIGHTING	
Instance on 1st Floor	Inspected
Lighting Fixture - Fluorescent	
Instance on 1st Floor	Inspected
Pendant Mounted	
Instance on 1st Floor	Does not exist
Recessed Mounted	
Instance on 1st Floor	Does not exist
Surface Mounted	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
Instance on 1st Floor	Does not exist
Lighting Fixture - Incandescent	
Instance on 1st Floor	Does not exist
LOCAL SOUND SYSTEM	
Instance on 1st Floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
PROJECTION SYSTEM	
Instance on 1st Floor	Does not exist
THEATER LIGHTING SYSTEM	
Instance on 1st 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 SPARE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE PANEL BOARD
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
PUBLIC ADDRESS SYSTEM	Inspected
Instance	Room 236 - General office
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Telecenter TC2100
Deficiency	CLOCK NOT OPERATIONAL
Deficiency Location/Instance	Room 402, Cafeteria, Gym
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	REPAIR

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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
INTRUSION ALARM	Inspected
Central Control Panel	Inspected
Instance	Room 271- Custodian Office
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Ademco Vista 50P
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
SERVICE SWITCH	Inspected
Instance	1st Floor - Electrical Room
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Electrotech
EquipmentId	Boltswitch 800 Amp SS#1
Capacity/Size	800 Amps
Source of Capacity/Size	Nameplate
Installation Year	2008
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
SWIMMING POOL	Does not exist
SWITCHBOARD	Inspected
Water Penetration In Electrical Room?	No
Number of Spares	0
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	Main Switchboard 'MSA'

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Question	Response
SWITCHBOARD	
FUSED DISCONNECT SWITCH TYPE	
Capacity/Size	800 Amps total, 2 sections
Source of Capacity/Size	Switchboard Mains Size
Installation Year	2008
Source of Installation Year	Documented
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
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	Does not exist