

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

**Electrical Inspection**

**M166**

School: **P.S. 166 - MANHATTAN, 132 WEST 89 STREET, MANHATTAN, NY, 10024**

InspectionId	Inspection Type	Time In	Last Edited
1181020	ELECTRICAL	2008-12-08 12:04PM	2009-06-23 10:33AM

**Asset Data**

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: All electrical systems Years: 1997 Systems: Local Sound Systems Years: 2008 Systems: Telephone Years: 2006

**Priority Condition**

Condition Description	Component Affected	Location Description	Person(s) Notified
elevator recall not operational	elevator recall	elevator	Alex Rodriguez

**Inspection**

Question	Response
<b>ELECTRICAL</b>	
<b>ATHLETIC FIELD</b>	Does not exist
<b>AUDITORIUM</b>	Inspected
Instance	2nd floor
<b>House Lighting</b>	
Instance on 2nd floor	Inspected
<b>Lighting Fixture - Fluorescent</b>	
Instance on 2nd floor	Inspected
<b>Pendant Mounted</b>	
Instance on 2nd floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Recessed Mounted</b>	
Instance on 2nd floor	Does not exist
<b>Surface Mounted</b>	
Instance on 2nd floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Lighting Fixture - HID</b>	
Instance on 2nd floor	Does not exist
<b>Lighting Fixture - Incandescent</b>	
Instance on 2nd floor	Does not exist
<b>Local Sound System</b>	
Instance on 2nd floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
<b>Projection System</b>	
Instance on 2nd floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Theater Lighting System</b>	
Instance on 2nd floor	Inspected
<b>Dimming System</b>	
Instance on 2nd floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Theater Lighting</b>	
Instance on 2nd floor	Inspected

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<b>Question</b>	<b>Response</b>
<b>AUDITORIUM</b>	
<b>Theater Lighting System</b>	
<b>Theater Lighting</b>	
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>AUXILIARY SIGNAL/BELL SYSTEM</b>	Inspected
Condition	2- Between Good and Fair
Replacement Quantity	73,000
Replacement Uom	S.F.
Deficiency	No deficiencies recorded
<b>CAFETERIA</b>	Inspected
Instance	1st floor
<b>Lighting</b>	
Instance on 1st floor	Inspected
<b>Lighting Fixture - Fluorescent</b>	
Instance on 1st floor	Inspected
<b>Pendant Mounted</b>	
Instance on 1st floor	Does not exist
<b>Recessed Mounted</b>	
Instance on 1st floor	Does not exist
<b>Surface Mounted</b>	
Instance on 1st floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Lighting Fixture - HID</b>	
Instance on 1st floor	Does not exist
<b>Lighting Fixture - Incandescent</b>	
Instance on 1st floor	Does not exist
<b>Local Sound System</b>	
Instance on 1st floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
<b>CAFETERIA/MULTIPURPOSE ROOM</b>	Does not exist
<b>CITY FIRE ALARM SYSTEM</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE</b>	Inspected
<b>Lighting</b>	Inspected
<b>Lighting Fixture - Fluorescent</b>	Inspected
<b>Pendant Mounted</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Recessed Mounted</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Surface Mounted</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Lighting Fixture - HID</b>	Does not exist
<b>Lighting Fixture - Incandescent</b>	Inspected
<b>Pendant Mounted</b>	Does not exist
<b>Recessed Mounted</b>	Does not exist
<b>Surface Mounted</b>	Inspected
Condition	3- Fair

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Question	Response
<b>CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE</b>	
<b>Lighting</b>	
<b>Lighting Fixture - Incandescent</b>	
<b>Surface Mounted</b>	
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
<b>COMPUTER LAB</b>	Inspected
Instance	room 511
Has LAN/Modem access	Yes
Power Panel?	Yes
<b>Lighting</b>	
Instance on room 511	Inspected
<b>Lighting Fixture - Fluorescent</b>	
Instance on room 511	Inspected
<b>Pendant Mounted</b>	
Instance on room 511	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Recessed Mounted</b>	
Instance on room 511	Does not exist
<b>Surface Mounted</b>	
Instance on room 511	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Lighting Fixture - HID</b>	
Instance on room 511	Does not exist
<b>Lighting Fixture - Incandescent</b>	
Instance on room 511	Does not exist
<b>Raceway With Receptacles</b>	
Instance on room 511	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>ELECTRIC SERVICE SWITCH</b>	Inspected
Instance	ELECTRICAL ROOM
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	ELECTROTECH
Model	ELECTROTECH
EquipmentId	SS
Capacity/Size	2500 Amps
Installation Year	1997
Deficiency	No deficiencies recorded
<b>EMERGENCY DC STANDBY BATTERY POWER</b>	Does not exist
<b>EMERGENCY GENERATOR SET</b>	Inspected
<b>Automatic Transfer Switch (ATS)</b>	Inspected
Instance	Basement Room C04B
Instance Condition	2- Between Good and Fair
Instance Quantity	1

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<b>Question</b>	<b>Response</b>
<b>EMERGENCY GENERATOR SET</b>	
<b>Automatic Transfer Switch (ATS)</b>	
Instance Quantity Uom	EACH
Manufacturer	ONAN
EquipmentId	ATS#1
Capacity/Size	600 Amps
Installation Year	1997
Deficiency	No deficiencies recorded
Instance	ROOM C04B
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	ONAN
EquipmentId	ATS#2
Capacity/Size	40 Amps
Installation Year	1997
Deficiency	No deficiencies recorded
<b>Battery Charger</b>	Inspected
Instance	ROOM C04B
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	ONAN
EquipmentId	BATTERY FLOAT CHARGER
Capacity/Size	10 AmpsDC, 24 VDC
Installation Year	1997
Deficiency	No deficiencies recorded
<b>Diesel</b>	Inspected
Instance	ROOM C04B
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	ONAN
EquipmentId	GENSET
Capacity/Size	188 kVA, 150 kW
Installation Year	1997
Deficiency	No deficiencies recorded
<b>Natural Gas</b>	Does not exist
<b>EMERGENCY LIGHT/EXIT LIGHT PANEL</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>EMERGENCY LIGHTING</b>	Inspected
<b>Battery Pack</b>	Does not exist
<b>Connected To Emergency Generator System</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Connected To Emergency Light/Exit Light Panel</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Relay Test Switch</b>	Does not exist
<b>EXIT LIGHT</b>	Inspected
<b>Battery Pack</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Connected To Emergency Generator System</b>	Inspected

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<b>Question</b>	<b>Response</b>
<b>EXIT LIGHT</b>	
<b>Connected To Emergency Generator System</b>	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Connected To Emergency Light/Exit Light Panel</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>FIRE ALARM SYSTEM</b>	
Replacement Quantity	73,000
Replacement Uom	S.F.
<b>Area Smoke Detector</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Bell/Horn</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Duct Smoke Detector</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Elevator Recall</b>	Inspected
Condition	5- Poor
Deficiency	SYSTEM NOT OPERATIONAL
Deficiency Location/Instance	ELEVATOR
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
<b>Fan Shutdown Control</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Fire Alarm Digital Communicator</b>	Does not exist
<b>Fused Cutout Panel</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Heat Detector</b>	Does not exist
<b>Magnetic Door Holder Contactor</b>	Does not exist
<b>Main Panel</b>	Inspected
<b>Bell At Panel</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Fire Alarm Control Panel (Electronic)</b>	Inspected
Instance	MAIN LOBBY
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	NOTIFIER
Model	XP SERIES
EquipmentId	FACP
Capacity/Size	24 zones
Installation Year	1997
Deficiency	No deficiencies recorded
<b>Fire Alarm Control Panel (Standard)</b>	Does not exist
<b>Manual Pull Station</b>	Inspected

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<b>FIRE ALARM SYSTEM</b>	
<b>Manual Pull Station</b>	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Remote Annunciator</b>	
	Inspected
<b>Display Monitor</b>	
	Does not exist
<b>Panel</b>	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Printer</b>	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Punch Register</b>	
	Does not exist
<b>Sprinkler Flow/Air Pressure Switch</b>	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Strobe</b>	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Sub-Panel</b>	
	Does not exist
<b>Tamper Flow Switch/Chain</b>	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>GROUNDING SYSTEM</b>	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>GYMNASIUM</b>	
Instance	5th floor
<b>Lighting</b>	
Instance on 5th floor	Inspected
<b>Lighting Fixture - Fluorescent</b>	
Instance on 5th floor	Inspected
<b>Pendant Mounted</b>	
Instance on 5th floor	Does not exist
<b>Recessed Mounted</b>	
Instance on 5th floor	Does not exist
<b>Surface Mounted</b>	
Instance on 5th floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Lighting Fixture - HID</b>	
Instance on 5th floor	Inspected
<b>Pendant Mounted</b>	
Instance on 5th floor	Does not exist
<b>Recessed Mounted</b>	
Instance on 5th floor	Does not exist
<b>Surface Mounted</b>	
Instance on 5th floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Lighting Fixture - Incandescent</b>	
Instance on 5th floor	Does not exist
<b>Local Sound System</b>	
Instance on 5th floor	Inspected

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Question	Response
<b>GYMNASIUM</b>	
<b>Local Sound System</b>	
Instance Condition	1- Good
Deficiency	No deficiencies recorded
<b>Scoreboard</b>	
Instance on 5th floor	Does not exist
<b>Theater Lighting System</b>	
Instance on 5th floor	Does not exist
<b>INTERCOM SYSTEM</b>	
<b>Elevator</b>	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Holding Area</b>	Does not exist
<b>KITCHEN/WARMING PANTRY</b>	
<b>Lighting</b>	
<b>Lighting Fixture - Fluorescent</b>	
<b>Pendant Mounted</b>	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Recessed Mounted</b>	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Surface Mounted</b>	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Lighting Fixture - HID</b>	Does not exist
<b>Lighting Fixture - Incandescent</b>	Does not exist
<b>LAN</b>	
<b>Local Distribution Frame (I/LDF)</b>	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Main Equipment Rack (MDF)</b>	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>LIBRARY</b>	
Instance	room 403
Has LAN/Modem access	Yes
<b>Lighting</b>	
Instance on room 403	Inspected
<b>Lighting Fixture - Fluorescent</b>	
Instance on room 403	Inspected
<b>Pendant Mounted</b>	
Instance on room 403	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Recessed Mounted</b>	
Instance on room 403	Does not exist
<b>Surface Mounted</b>	
Instance on room 403	Does not exist
<b>Lighting Fixture - HID</b>	
Instance on room 403	Does not exist
<b>Lighting Fixture - Incandescent</b>	
Instance on room 403	Does not exist
<b>Raceway With Receptacles</b>	
Instance on room 403	Inspected
Instance Condition	3- Fair

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<b>Question</b>	<b>Response</b>
<b>LIBRARY</b>	
<b>Raceway With Receptacles</b>	
Deficiency	No deficiencies recorded
<b>LIGHTING - EXTERIOR SECURITY</b>	Inspected
Condition	2- Between Good and Fair
Replacement Quantity	8
Replacement Uom	EACH
Deficiency	No deficiencies recorded
<b>LIGHTNING PROTECTION</b>	Does not exist
<b>LOCKER ROOM/SHOWER ROOM</b>	Does not exist
<b>MOTOR CONTROL CENTER</b>	Inspected
Instance	PENTHOUSE
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	SIEMENS
EquipmentId	MCC-R
Capacity/Size	600 Amps, 3 sections
Installation Year	1997
Deficiency	No deficiencies recorded
<b>MOTOR STARTER/CONTACTOR</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>MULTIPURPOSE ROOM</b>	Does not exist
<b>PANEL BOARD</b>	Inspected
<b>Fused Disconnect Switch Type</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Fused Knife Switch Type</b>	Does not exist
<b>Fused Toggle Switch Type</b>	Does not exist
<b>Molded Case Circuit Breaker Type</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>PUBLIC ADDRESS SYSTEM</b>	Inspected
Replacement Quantity	73,000
Replacement Uom	S.F.
Instance	ROOM 202A INSIDE THE AUDITORIUM
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	DUKANE 250
Deficiency	No deficiencies recorded
<b>SCIENCE DEMO ROOM</b>	Inspected
Instance	room 304
Has LAN/Modem access	Yes
Power Panel?	No
Alternative Use	No
<b>Emergency Gas Shut-Off Valve</b>	
Instance on room 304	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Emergency Shut-Off Power</b>	
Instance on room 304	Does not exist
<b>Lighting</b>	

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Question	Response
<b>SCIENCE DEMO ROOM</b>	
<b>Lighting</b>	
Instance on room 304	Inspected
<b>Lighting Fixture - Fluorescent</b>	
Instance on room 304	Inspected
<b>Pendant Mounted</b>	
Instance on room 304	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Recessed Mounted</b>	
Instance on room 304	Does not exist
<b>Surface Mounted</b>	
Instance on room 304	Does not exist
<b>Lighting Fixture - HID</b>	
Instance on room 304	Does not exist
<b>Lighting Fixture - Incandescent</b>	
Instance on room 304	Does not exist
<b>Power Supply</b>	
Instance on room 304	Inspected
<b>Instructor Unit</b>	
Instance on room 304	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Meter Demonstration Unit</b>	
Instance on room 304	Does not exist
<b>SCIENCE LAB</b>	Does not exist
<b>SCIENCE PREP ROOM</b>	Does not exist
<b>SECURITY</b>	Inspected
Replacement Quantity	73,000
Replacement Uom	S.F.
<b>Intrusion Alarm</b>	Inspected
<b>Central Control Panel</b>	Inspected
Instance	CUSTODIAN OFFICE
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	VISTA 128B
Deficiency	No deficiencies recorded
<b>Infrared Sensor</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Panic Switch</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Remote Annunciator</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Siren/Stroke</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Ultrasonic Sensor</b>	Does not exist
<b>IPDVS/CCTV System</b>	Does not exist
<b>SWIMMING POOL</b>	Does not exist
<b>SWITCHBOARD</b>	Inspected

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<b>Question</b>	<b>Response</b>
<b>SWITCHBOARD</b>	
<b>Air Circuit Breaker Type</b>	Does not exist
<b>Fused Disconnect Switch Type</b>	Inspected
Instance	ELECTRICAL ROOM
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	ELECTROTECH
EquipmentId	N/A
Capacity/Size	2500 Amps total, 2 sections
Installation Year	1997
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
<b>Fused Knife Switch Type</b>	Does not exist
<b>Molded Case Circuit Breaker Type</b>	Does not exist
<b>TELEPHONE</b>	Inspected
<b>PBX/Intercom</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Standard</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>TOILET ROOM - STAFF</b>	Inspected
<b>Lighting</b>	Inspected
<b>Lighting Fixture - Fluorescent</b>	Inspected
<b>Pendant Mounted</b>	Does not exist
<b>Recessed Mounted</b>	Does not exist
<b>Surface Mounted</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Lighting Fixture - HID</b>	Does not exist
<b>Lighting Fixture - Incandescent</b>	Does not exist
<b>TOILET ROOM - STUDENT</b>	Inspected
<b>Lighting</b>	Inspected
<b>Lighting Fixture - Fluorescent</b>	Inspected
<b>Pendant Mounted</b>	Does not exist
<b>Recessed Mounted</b>	Does not exist
<b>Surface Mounted</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Lighting Fixture - HID</b>	Does not exist
<b>Lighting Fixture - Incandescent</b>	Does not exist
<b>TRANSFORMER</b>	Does not exist
<b>TV SYSTEM</b>	Inspected
<b>Cable Service</b>	Does not exist
<b>Main Equipment Rack</b>	Does not exist
<b>Master Antenna System</b>	Inspected
Condition	3- Fair
Deficiency	ANTENNA NOT IN USE
Deficiency Location/Instance	Roof

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Question	Response
<b>TV SYSTEM</b>	
<b>Master Antenna System</b>	
Deficiency Quantity	4
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded