

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

Electrical Inspection

M087

School: P.S. 87 - MANHATTAN, 160 WEST 78 STREET, MANHATTAN, NY, 10024

InspectionId	Inspection Type	Time In	Last Edited
1181022	ELECTRICAL	2008-12-10 08:53AM	2009-07-06 10:48AM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Auxiliary Bell System, Emergency Lights & Exit Lights, Theater Lighting System, Lighting in Auditorium, Local Sound Systems, Telephone, Electrical Panel Boards, Switchboards, PA System, Fire Alarm System Years: 2007-2008 Systems: LAN Years: 2004

Priority Condition

No condition recorded

Inspection

Question	Response
ELECTRICAL	
ATHLETIC FIELD	Does not exist
AUDITORIUM	Inspected
Instance	BASEMENT
House Lighting	
Instance on BASEMENT	Inspected
Lighting Fixture - Fluorescent	
Instance on BASEMENT	Inspected
Pendant Mounted	
Instance on BASEMENT	Does not exist
Recessed Mounted	
Instance on BASEMENT	Does not exist
Surface Mounted	
Instance on BASEMENT	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
Instance on BASEMENT	Inspected
Pendant Mounted	
Instance on BASEMENT	Does not exist
Recessed Mounted	
Instance on BASEMENT	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Surface Mounted	
Instance on BASEMENT	Does not exist
Lighting Fixture - Incandescent	
Instance on BASEMENT	Does not exist
Local Sound System	
Instance on BASEMENT	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Projection System	
Instance on BASEMENT	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Theater Lighting System	
Instance on BASEMENT	Inspected

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Question	Response
AUDITORIUM	
Theater Lighting System	
Dimming System	
Instance on BASEMENT	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Theater Lighting	
Instance on BASEMENT	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
AUXILIARY SIGNAL/BELL SYSTEM	
Condition	1- Good
Replacement Quantity	89,000
Replacement Uom	S.F.
Deficiency	No deficiencies recorded
CAFETERIA	
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 BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Quantity	24
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations 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	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	5- 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
Local Sound System	

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Question	Response
CAFETERIA	
Local Sound System	
Instance on 1ST FLOOR	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
CAFETERIA/MULTIPURPOSE ROOM	
	Does not exist
CITY FIRE ALARM SYSTEM	
Condition	Inspected
Deficiency	3- Fair
CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE	
Lighting	Inspected
Lighting Fixture - Fluorescent	Inspected
Pendant Mounted	Inspected
Condition	3- Fair
Deficiency	LIGHTING FIXTURE BALLAST DEFECTIVE
Deficiency Quantity	5
Quantity Uom	EACH
Potential Action	REPLACE BALLAST
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Quantity	480
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Recessed Mounted	Inspected
Condition	3- Fair
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Quantity	14
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Surface Mounted	Inspected
Condition	3- Fair
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Quantity	45
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations 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	40
Quantity Uom	EACH

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Question	Response
CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE	
Lighting	
Lighting Fixture - Incandescent	
Pendant Mounted	
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 307
Has LAN/Modem access	Yes
Power Panel?	No
Lighting	
Instance on ROOM 307	Inspected
Lighting Fixture - Fluorescent	
Instance on ROOM 307	Inspected
Pendant Mounted	
Instance on ROOM 307	Inspected
Instance Condition	3- Fair
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Quantity	12
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Recessed Mounted	
Instance on ROOM 307	Does not exist
Surface Mounted	
Instance on ROOM 307	Does not exist
Lighting Fixture - HID	
Instance on ROOM 307	Does not exist
Lighting Fixture - Incandescent	
Instance on ROOM 307	Does not exist
Raceway With Receptacles	
Instance on ROOM 307	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
ELECTRIC SERVICE SWITCH	Inspected
Instance	ELECTRICAL ROOM
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH

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Question	Response
ELECTRIC SERVICE SWITCH	
Manufacturer	COLE ELECTRIC
Model	COLE ELECTRIC
EquipmentId	SS A
Capacity/Size	600 Amps
Installation Year	1955
Deficiency	SWITCH BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	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
Instance	ELECTRICAL ROOM
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	COLE ELECTRIC
Model	COLE ELECTRIC
EquipmentId	SS B
Capacity/Size	600 Amps
Installation Year	1955
Deficiency	SWITCH BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	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	1- Good
Deficiency	No deficiencies recorded
EMERGENCY LIGHTING	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	1- Good
Deficiency	No deficiencies recorded
Relay Test Switch	Inspected
Condition	1- Good
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	1- Good
Deficiency	No deficiencies recorded

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Question	Response
FIRE ALARM SYSTEM	Inspected
Replacement Quantity	89,000
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 LOBBY
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	EDWARDS SYSTEMS TECHNOLOGY
Model	EST2
EquipmentId	FACP
Capacity/Size	24 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	Inspected
Condition	3- Fair

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Question	Response
FIRE ALARM SYSTEM	
Sprinkler Flow/Air Pressure Switch	
Deficiency	No deficiencies recorded
Strobe	
Condition	Inspected
Deficiency	1- Good
Deficiency	No deficiencies recorded
Sub-Panel	
Deficiency	Does not exist
Tamper Flow Switch/Chain	
Condition	Inspected
Deficiency	3- Fair
Deficiency	No deficiencies recorded
GROUNDING SYSTEM	
Condition	Inspected
Deficiency	3- Fair
Deficiency	No deficiencies recorded
GYMNASIUM	
Instance	Inspected
Instance	2ND FLOOR
Lighting	
Instance on 2ND FLOOR	Inspected
Lighting Fixture - Fluorescent	
Instance on 2ND FLOOR	Does not exist
Lighting Fixture - HID	
Instance on 2ND FLOOR	Does not exist
Lighting Fixture - Incandescent	
Instance on 2ND FLOOR	Inspected
Pendant Mounted	
Instance on 2ND FLOOR	Does not exist
Recessed Mounted	
Instance on 2ND FLOOR	Inspected
Instance Condition	3- Fair
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Quantity	19
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
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
Surface Mounted	
Instance on 2ND FLOOR	Does not exist
Local Sound System	
Instance on 2ND FLOOR	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Scoreboard	
Instance on 2ND FLOOR	Does not exist
Theater Lighting System	
Instance on 2ND FLOOR	Does not exist
INTERCOM SYSTEM	
Instance on 2ND FLOOR	Does not exist
KITCHEN/WARMING PANTRY	
Instance on 2ND FLOOR	Inspected

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Question	Response
KITCHEN/WARMING PANTRY	
Lighting	Inspected
Lighting Fixture - Fluorescent	Inspected
Pendant Mounted	Inspected
Condition	3- Fair
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Quantity	5
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	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 214
Has LAN/Modem access	Yes
Lighting	
Instance on ROOM 214	Inspected
Lighting Fixture - Fluorescent	
Instance on ROOM 214	Inspected
Pendant Mounted	
Instance on ROOM 214	Does not exist
Recessed Mounted	
Instance on ROOM 214	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Surface Mounted	
Instance on ROOM 214	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
Instance on ROOM 214	Does not exist
Lighting Fixture - Incandescent	
Instance on ROOM 214	Does not exist
Raceway With Receptacles	
Instance on ROOM 214	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
LIGHTING - EXTERIOR SECURITY	Inspected
Condition	4- Between Fair and Poor
Replacement Quantity	14
Replacement Uom	EACH
Deficiency	LIGHTING FIXTURE NOT OPERATIONAL
Deficiency Location/Instance	CONOPY

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Question	Response
LIGHTING - EXTERIOR SECURITY	
Deficiency Quantity	6
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	2ND FLOOR
Alternative Use	Yes
Lighting	
Instance on 2ND FLOOR	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	MECHANICAL SPACES
Deficiency Quantity	8
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
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
Fused Toggle Switch Type	
	Does not exist
Molded Case Circuit Breaker Type	
	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
PUBLIC ADDRESS SYSTEM	
	Inspected
Replacement Quantity	89,000
Replacement Uom	S.F.
Instance	GENERAL OFFICE
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	TELECENTER MPA 250
Deficiency	CLOCK NOT OPERATIONAL
Deficiency Location/Instance	CORRIDORS
Deficiency Quantity	15
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 3

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Question	Response
PUBLIC ADDRESS SYSTEM	
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	89,000
Replacement Uom	S.F.
Intrusion Alarm	Inspected
Central Control Panel	Inspected
Instance	Room B16
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	VISTA 128B
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	ELECTRICAL ROOM
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	METROPOLITAN
EquipmentId	N/A
Capacity/Size	1200 Amps total, 2 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	Does not exist
Molded Case Circuit Breaker Type	Does not exist
TELEPHONE	Inspected
PBX/Intercom	Inspected

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Question	Response
TELEPHONE	
PBX/Intercom	
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	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	Does not exist
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
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