

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

**Electrical Inspection**

**Q045**

School: P.S. 45 - QUEENS, 126-28 150 STREET, QUEENS, NY, 11436

InspectionId	Inspection Type	Time In	Last Edited
1920086	ELECTRICAL	2011-02-02 10:55AM	2011-02-09 04:25PM

**Asset Data**

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Smart boards Years: 2010 Systems: Fire Alarm System, Public Address System, Local Sound Systems Years: 2009 Systems: LAN, Auditorium: Projection System Years: 2006 Systems: Telephone System Years: 2008 Systems: Security lighting, Emergency and Exit lighting (battery), Intrusion Alarm System, Interior lighting, Motor Starters (partial) Years: 1997 Systems: Partial Panel Boards Years: 1997 and 2009
Type of Service	Below Ground

**Priority Condition**

No condition recorded

**Inspection**

Question	Response
<b>ELECTRICAL</b>	
<b>ATHLETIC FIELD</b>	Does not exist
<b>AUDITORIUM</b>	Inspected
Instance	Basement
<b>HOUSE LIGHTING</b>	
Instance on Basement	Inspected
Does a Chandelier Exist?	No
<b>Lighting Fixture - Fluorescent</b>	
Instance on Basement	Inspected
<b>Pendant Mounted</b>	
Instance on Basement	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
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
<b>Recessed Mounted</b>	
Instance on Basement	Does not exist
<b>Surface Mounted</b>	
Instance on Basement	Does not exist
<b>Lighting Fixture - HID</b>	

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Question	Response
<b>AUDITORIUM</b>	
<b>HOUSE LIGHTING</b>	
<b>Lighting Fixture - HID</b>	
Instance on Basement	Does not exist
<b>Lighting Fixture - Incandescent</b>	
Instance on Basement	Does not exist
<b>LOCAL SOUND SYSTEM</b>	
Instance on Basement	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
<b>PROJECTION SYSTEM</b>	
Instance on Basement	Inspected
Instance Condition	1- Good
Is the projector on a cart or installed on the ceiling?	Ceiling
Deficiency	No deficiencies recorded
<b>THEATER LIGHTING SYSTEM</b>	
Instance on Basement	Inspected
<b>Dimming System</b>	
Instance on Basement	Does not exist
<b>Theater Lighting</b>	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Quantity	22
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
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
<b>AUXILIARY SIGNAL/BELL SYSTEM</b>	
Instance on Basement	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>CAFETERIA</b>	
Instance on Basement	Inspected
Instance	Basement
<b>LIGHTING</b>	
Instance on Basement	Inspected
<b>Lighting Fixture - Fluorescent</b>	
Instance on Basement	Inspected
<b>Pendant Mounted</b>	
Instance on Basement	Does not exist
<b>Recessed Mounted</b>	
Instance on Basement	Does not exist
<b>Surface Mounted</b>	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Lighting Fixture - HID</b>	

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Question	Response
<b>CAFETERIA</b>	
<b>LIGHTING</b>	
<b>Lighting Fixture - HID</b>	
Instance on Basement	Does not exist
<b>Lighting Fixture - Incandescent</b>	
Instance on Basement	Does not exist
<b>LOCAL SOUND SYSTEM</b>	
Instance on Basement	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
<b>CITY FIRE ALARM SYSTEM</b>	
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE</b>	
<b>LIGHTING</b>	Inspected
Does a Chandelier Exist?	No
<b>Lighting Fixture - Fluorescent</b>	Inspected
<b>Pendant Mounted</b>	Inspected
Condition	3- Fair
Deficiency	LIGHTING FIXTURE LAMP NOT OPERATIONAL/MISSING
Deficiency Quantity	9
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Recessed Mounted</b>	Does not exist
<b>Surface Mounted</b>	Inspected
Condition	3- Fair
Deficiency	LIGHTING FIXTURE LAMP NOT OPERATIONAL/MISSING
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	LIGHTING FIXTURE LENS MISSING
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL LENS
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations 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
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

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<b>Question</b>	<b>Response</b>
<b>CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE</b>	
<b>LIGHTING</b>	
<b>Lighting Fixture - Incandescent</b>	
<b>Surface Mounted</b>	
Violations	No violations recorded
<b>SMART BOARD</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>COMPUTER LAB</b>	Does not exist
<b>EMERGENCY DC STANDBY BATTERY POWER</b>	Does not exist
<b>EMERGENCY GENERATOR SET</b>	Does not exist
<b>EMERGENCY LIGHT/EXIT LIGHT PANEL</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>EMERGENCY LIGHTING</b>	Inspected
<b>BATTERY PACK</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Non Battery Pack</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>EXIT LIGHT</b>	Inspected
<b>BATTERY PACK</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Non Battery Pack</b>	Does not exist
<b>EXIT/EMERGENCY LIGHT</b>	Does not exist
<b>FIRE ALARM SYSTEM</b>	Inspected
<b>AREA SMOKE DETECTOR</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>BELL/HORN</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>DUCT SMOKE DETECTOR</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>ELEVATOR RECALL</b>	Does not exist
<b>FAN SHUTDOWN CONTROL</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>FIRE ALARM DIGITAL COMMUNICATOR</b>	Does not exist
<b>FUSED CUTOFF PANEL</b>	Inspected
Condition	1- Good
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	1- Good
Deficiency	No deficiencies recorded
<b>Fire Alarm Control Panel (Electronic)</b>	Inspected
Instance	Main lobby
Instance Condition	1- Good

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<b>Question</b>	<b>Response</b>
<b>FIRE ALARM SYSTEM</b>	
<b>MAIN PANEL</b>	
<b>Fire Alarm Control Panel (Electronic)</b>	
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	GE
Model	EST 2
EquipmentId	Fire Alarm Control Panel
Capacity/Size	8 zones
Installation Year	2009
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
<b>Fire Alarm Control Panel (Standard)</b>	Inspected
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	N/A
EquipmentId	N/A
Capacity/Size	N/A
Installation Year	1960
Source of Installation Year	Estimated
Deficiency	PANEL NOT IN USE
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
<b>MANUAL PULL STATION</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>REMOTE ANNUNCIATOR</b>	Inspected
<b>Display Monitor</b>	Does not exist
<b>Panel</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Printer</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Punch Register</b>	Does not exist
<b>SPRINKLER FLOW/AIR PRESSURE SWITCH</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>STROBE</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>SUB-PANEL</b>	Does not exist
<b>TAMPER FLOW SWITCH/CHAIN</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>GROUNDING SYSTEM</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>GYMNASIUM</b>	Inspected

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<b>Question</b>	<b>Response</b>
<b>GYMNASIUM</b>	
Instance	2nd floor
<b>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	Does not exist
<b>Recessed Mounted</b>	
Instance on 2nd floor	Does not exist
<b>Surface Mounted</b>	
Instance on 2nd floor	Inspected
Instance Condition	3- 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>SCOREBOARD</b>	
Instance on 2nd floor	Does not exist
<b>THEATER LIGHTING SYSTEM</b>	
Instance on 2nd floor	Does not exist
<b>INTERCOM SYSTEM</b>	Does not exist
<b>KITCHEN/WARMING PANTRY</b>	Inspected
Instance	Basement
<b>LIGHTING</b>	
Instance on Basement	Inspected
<b>Lighting Fixture - Fluorescent</b>	
Instance on Basement	Inspected
<b>Pendant Mounted</b>	
Instance on Basement	Does not exist
<b>Recessed Mounted</b>	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Surface Mounted</b>	
Instance on Basement	Does not exist
<b>Lighting Fixture - HID</b>	
Instance on Basement	Does not exist
<b>Lighting Fixture - Incandescent</b>	
Instance on Basement	Does not exist
<b>LAN</b>	Inspected
<b>LOCAL DISTRIBUTION FRAME (I/LDF)</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>MAIN EQUIPMENT RACK (MDF)</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>LIBRARY</b>	Does not exist
<b>LIGHTING - SECURITY LIGHTS</b>	Inspected

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<b>Question</b>	<b>Response</b>
<b>LIGHTING - SECURITY LIGHTS</b>	
Condition	3- Fair
Replacement Quantity	8
Replacement Uom	EACH
Deficiency	LIGHTING FIXTURE LAMP NOT OPERATIONAL
Deficiency Location/Instance	Roof
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 4
Purpose of Action	LEVEL 3
Violations	No violations recorded
<b>LIGHTNING PROTECTION</b>	Does not exist
<b>LOCKER ROOM</b>	Does not exist
<b>MOTOR CONTROL CENTER</b>	Does not exist
<b>MOTOR STARTER/CONTACTOR</b>	Inspected
Condition	3- Fair
Deficiency	MOTOR STARTER BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Fan Rooms, Kitchen, Boiler Room
Deficiency Quantity	6
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>MULTIPURPOSE ROOM</b>	Does not exist
<b>PANEL BOARD</b>	Inspected
<b>FUSED DISCONNECT SWITCH TYPE</b>	Does not exist
<b>FUSED KNIFE SWITCH TYPE</b>	Inspected
Condition	3- Fair
Deficiency	PANEL BOARD BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	1st floor corridor, Room 162, Penthouse, Boiler Room, Fan Rooms
Deficiency Quantity	7
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>FUSED TOGGLE SWITCH TYPE</b>	Inspected
Condition	3- Fair
Deficiency	PANEL BOARD BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Electrical Equipment 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
<b>MOLDED CASE CIRCUIT BREAKER TYPE</b>	Inspected
Condition	3- Fair
Deficiency	PANEL BOARD BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Basement - 2nd floor Corridors, Auditorium
Deficiency Quantity	12
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE

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<b>Question</b>	<b>Response</b>
<b>PANEL BOARD</b>	
<b>MOLDED CASE CIRCUIT BREAKER TYPE</b>	
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>PUBLIC ADDRESS SYSTEM</b>	Inspected
Instance	General office
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Dukane 250
Deficiency	No deficiencies recorded
<b>SCIENCE DEMO ROOM</b>	Does not exist
<b>SCIENCE LAB</b>	Does not exist
<b>SCIENCE PREP ROOM</b>	Does not exist
<b>SECURITY</b>	Inspected
<b>INTRUSION ALARM</b>	Inspected
<b>Central Control Panel</b>	Inspected
Instance	Custodians office
Instance Condition	5- Poor
Instance Quantity	1
Instance Quantity Uom	EACH
Model	4140 XMPT
Deficiency	PANEL NOT OPERATIONAL
Deficiency Location/Instance	Custodians office
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 4
Purpose of Action	LEVEL 3
Violations	No violations recorded
<b>Infrared Sensor</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Panic Switch</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Remote Annunciator</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Siren/Strobe</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Ultrasonic Sensor</b>	Does not exist
<b>IPDVS/CCTV SYSTEM</b>	Does not exist
<b>SERVICE SWITCH</b>	Inspected
Instance	Basement - Main Power Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Federal Pacific
EquipmentId	Serv. Sw.
Capacity/Size	800 Amps
Source of Capacity/Size	Nameplate

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<b>Question</b>	<b>Response</b>
<b>SERVICE SWITCH</b>	
Installation Year	1961
Source of Installation Year	Documented
Deficiency	SWITCH BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>SWIMMING POOL</b>	
	Does not exist
<b>SWITCHBOARD</b>	
	Inspected
Water Penetration In Electrical Room?	No
Number of Spares	0
<b>AIR CIRCUIT BREAKER TYPE</b>	
	Does not exist
<b>FUSED DISCONNECT SWITCH TYPE</b>	
	Does not exist
<b>FUSED KNIFE SWITCH TYPE</b>	
	Inspected
Instance	Basement - Electrical Equipment Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	N/A
EquipmentId	N/A
Capacity/Size	800 Amps total, 3 sections
Source of Capacity/Size	Service Switch Size
Installation Year	1961
Source of Installation Year	Documented
Deficiency	SWITCHBOARD BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
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
Deficiency	SWITCHBOARD NAME PLATE 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>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

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<b>Question</b>	<b>Response</b>
<b>TOILET ROOM - STAFF</b>	Inspected
<b>LIGHTING</b>	Inspected
<b>Lighting Fixture - Fluorescent</b>	Inspected
<b>Pendant Mounted</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Recessed Mounted</b>	Does not exist
<b>Surface Mounted</b>	Inspected
Condition	3- 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>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Recessed Mounted</b>	Does not exist
<b>Surface Mounted</b>	Inspected
Condition	3- 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
Cable System Exist?	Yes
Operational?	Yes
Master Antenna System Exist?	No
<b>MAIN EQUIPMENT RACK</b>	Does not exist