

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

**Electrical Inspection**

**Q102**

School: P.S. 102 - QUEENS, 55-24 VAN HORN STREET, QUEENS, NY, 11373

InspectionId	Inspection Type	Time In	Last Edited
1294146	ELECTRICAL	2009-06-03 11:53AM	2009-06-15 03:32PM

**Asset Data**

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Projection System in Auditorium Years: 2008 Systems: Telephone /PBX- Intercom / Standard Years: 2007 Systems: Emergency/ Exit lighting Years: 2006 Systems: Fluorescent lighting in classrooms, Auditorium, Cafeteria, Toilets. Years: 2002 Systems: LAN Years: 2007

**Priority Condition**

No condition recorded

**Inspection**

Question	Response
<b>ELECTRICAL</b>	
<b>ATHLETIC FIELD</b>	Does not exist
<b>AUDITORIUM</b>	Inspected
Instance	Second Floor
<b>House Lighting</b>	
Instance on Second Floor	Inspected
<b>Lighting Fixture - Fluorescent</b>	
Instance on Second Floor	Inspected
<b>Pendant Mounted</b>	
Instance on Second Floor	Does not exist
<b>Recessed Mounted</b>	
Instance on Second Floor	Does not exist
<b>Surface Mounted</b>	
Instance on Second Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Lighting Fixture - HID</b>	
Instance on Second Floor	Does not exist
<b>Lighting Fixture - Incandescent</b>	
Instance on Second Floor	Does not exist
<b>Local Sound System</b>	
Instance on Second Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Projection System</b>	
Instance on Second Floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
<b>Theater Lighting System</b>	
Instance on Second Floor	Inspected
<b>Dimming System</b>	
Instance on Second Floor	Does not exist
<b>Theater Lighting</b>	
Instance on Second 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	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
<b>AUXILIARY SIGNAL/BELL SYSTEM</b>	Inspected
Condition	3- Fair
Replacement Quantity	35,000
Replacement Uom	S.F.
Deficiency	No deficiencies recorded
<b>CAFETERIA</b>	Does not exist
<b>CAFETERIA/MULTIPURPOSE ROOM</b>	Inspected
Instance	First Floor
<b>Lighting</b>	
Instance on First Floor	Inspected
<b>Lighting Fixture - Fluorescent</b>	
Instance on First Floor	Inspected
<b>Pendant Mounted</b>	
Instance on First Floor	Does not exist
<b>Recessed Mounted</b>	
Instance on First Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Surface Mounted</b>	
Instance on First Floor	Does not exist
<b>Lighting Fixture - HID</b>	
Instance on First Floor	Does not exist
<b>Lighting Fixture - Incandescent</b>	
Instance on First Floor	Does not exist
<b>Local Sound System</b>	
Instance on First Floor	Does not exist
<b>Theater Lighting System</b>	
Instance on First Floor	Does not exist
<b>CITY FIRE ALARM SYSTEM</b>	Inspected
Condition	5- Poor
Deficiency	NOT OPERATIONAL
Deficiency Location/Instance	Second Floor by General office
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 2
Violations	No violations 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

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<b>CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE</b>	
<b>Lighting</b>	
<b>Lighting Fixture - Fluorescent</b>	
<b>Pendant Mounted</b>	
Deficiency	No deficiencies recorded
<b>Recessed Mounted</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<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>	Inspected
<b>Pendant Mounted</b>	Inspected
Condition	3- Fair
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
<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	14
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 261
Has LAN/Modem access	Yes
Power Panel?	No
<b>Lighting</b>	
Instance on Room 261	Inspected
<b>Lighting Fixture - Fluorescent</b>	
Instance on Room 261	Inspected
<b>Pendant Mounted</b>	
Instance on Room 261	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Recessed Mounted</b>	
Instance on Room 261	Does not exist
<b>Surface Mounted</b>	
Instance on Room 261	Does not exist
<b>Lighting Fixture - HID</b>	
Instance on Room 261	Does not exist
<b>Lighting Fixture - Incandescent</b>	
Instance on Room 261	Does not exist
<b>Raceway With Receptacles</b>	

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<b>Question</b>	<b>Response</b>
<b>COMPUTER LAB</b>	
<b>Raceway With Receptacles</b>	
Instance on Room 261	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>ELECTRIC SERVICE SWITCH</b>	Inspected
Instance	Electrical Room, Basement
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Federal Pacific
Model	Federal Pacific
EquipmentId	No ID
Capacity/Size	800 Amps
Installation Year	1970
Deficiency	SWITCH ID IS MISSING
Deficiency Location/Instance	Electrical Room -Basement
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 2
Purpose of Action	LEVEL 2
Violations	No violations recorded
<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	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>EMERGENCY LIGHTING</b>	Inspected
<b>Battery Pack</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Connected To Emergency Generator System</b>	Does not exist
<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>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<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>	Does not exist
<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>	Under construction
<b>GROUNDING SYSTEM</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>GYMNASIUM</b>	Does not exist
<b>INTERCOM SYSTEM</b>	Does not exist
<b>KITCHEN/WARMING PANTRY</b>	Inspected

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<b>Question</b>	<b>Response</b>
<b>KITCHEN/WARMING PANTRY</b>	
<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	3- Fair
Deficiency	No deficiencies recorded
<b>Lighting Fixture - HID</b>	Does not exist
<b>Lighting Fixture - Incandescent</b>	Does not exist
<b>LAN</b>	Inspected
<b>Local Distribution Frame (I/LDF)</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Main Equipment Rack (MDF)</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>LIBRARY</b>	Does not exist
<b>LIGHTING - EXTERIOR SECURITY</b>	Under construction
<b>LIGHTNING PROTECTION</b>	Does not exist
<b>LOCKER ROOM/SHOWER ROOM</b>	Does not exist
<b>MOTOR CONTROL CENTER</b>	Does not exist
<b>MOTOR STARTER/CONTACTOR</b>	Under construction
<b>MULTIPURPOSE ROOM</b>	Does not exist
<b>PANEL BOARD</b>	Inspected
<b>Fused Disconnect Switch Type</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Fused Knife Switch Type</b>	Does not exist
<b>Fused Toggle Switch Type</b>	Inspected
Condition	3- Fair
Deficiency	PANEL BOARD BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Opposite Electrical Room Entrance
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	Corridors and Public Assembly Spaces
Deficiency Quantity	10
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>PUBLIC ADDRESS SYSTEM</b>	Inspected
Replacement Quantity	35,000
Replacement Uom	S.F.
Instance	General office - Room 251
Instance Condition	3- Fair
Instance Quantity	1

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<b>Question</b>	<b>Response</b>
<b>PUBLIC ADDRESS SYSTEM</b>	
Instance Quantity Uom	EACH
Model	Rauland- Telecenter IV
Deficiency	CLOCK NOT OPERATIONAL
Deficiency Location/Instance	cafeteria, kitchen, Auditorium, classrooms
Deficiency Quantity	6
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations 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
Replacement Quantity	35,000
Replacement Uom	S.F.
<b>Intrusion Alarm</b>	Inspected
<b>Central Control Panel</b>	Inspected
Instance	Custodian office- First Floor
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Ademco- Vista 4140
Deficiency	No deficiencies 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>SWIMMING POOL</b>	Does not exist
<b>SWITCHBOARD</b>	Inspected
<b>Air Circuit Breaker Type</b>	Does not exist
<b>Fused Disconnect Switch Type</b>	Inspected
Instance	Electrical Room. Basement
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Standard Switchboard
EquipmentId	No ID
Capacity/Size	400 Amps total, 1 section
Installation Year	1970
Deficiency	SWITCHBOARD ID IS MISSING
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE

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<b>Question</b>	<b>Response</b>
<b>SWITCHBOARD</b>	
<b>Fused Disconnect Switch Type</b>	
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>	
<b>PBX/Intercom</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Standard</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>TOILET ROOM - STAFF</b>	
<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>	
<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>	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>	
<b>Cable Service</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<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
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded