

**NYC Department of Education  
Building Condition Assessment Survey 2018-2019**

**Electrical Inspection**

**R470**

School: **CONCORD HS (OLD 12) - S.I., 109 RHINE AVENUE, STATEN ISLAND, NY, 10304**

InspectionId	Inspection Type	Time In	Last Edited
3071	ELECTRICAL	2019-03-14 12:47PM	2019-03-20 03:29PM

**Asset Data**

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Interior Lighting, Emergency Lighting (Non-Battery Pack) Years: 2017 Systems: Exit Lights (Battery Pack) Years: 2014 Systems: IPDVS/CCTV System Years: 2013 Systems: Public Address System, Local Sound System, Fire Alarm System, Auxiliary Signal/Bell System Years: 2011 Systems: LAN, Telephone System Years: 2010 Systems: Intrusion Alarm System, Emergency Light/Exit Light Panel Years: 2001 Systems: Molded Case Circuit Breaker Panel Board Years: 1987, 1997, 2012 Systems: All Other Electrical Systems and Components Years: 1987 Systems: Intrusion Alarm System (Remote Annunciator) Years: 2018
Type of Service	Below Ground
Does Interactive Whiteboard (IWB) Exist?	Yes
Water Penetration In Electrical Room?	No

**DEDICATED INTERCOMS IN FIRE RESCUE AREAS**

Question	Response
Are there any Life Rescue Assistance Areas, Fire Rescue Areas, and/or Holding Rooms in your building?	No

**Priority Condition**

Exist Last Year?	Priority Category	Condition Description	Component Affected	Location Description	Person(s) Notified	Person(s) Title	Photo Image
		No condition recorded					

**Inspection**

Question	Response
<b>Electrical</b>	
<b>ATHLETIC FIELD</b>	Does not exist
<b>AUDITORIUM</b>	Does not exist
<b>AUXILIARY SIGNAL/BELL SYSTEM</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>CAFETERIA</b>	
Instance on Basement	Inspected
<b>Lighting</b>	
Instance on Basement	Inspected
<b>Lighting Fixture - Fluorescent</b>	
Instance on Basement	Inspected
<b>Pendant Mounted</b>	
Instance on Basement	Inspected
Instance Condition	1- Good

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Question	Response
<b>CAFETERIA</b>	
<b>Lighting</b>	
<b>Lighting Fixture - Fluorescent</b>	
<b>Pendant Mounted</b>	
Deficiency	No deficiencies recorded
<b>Recessed Mounted</b>	
Instance on Basement	Does not exist
<b>Surface Mounted</b>	
Instance on Basement	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
<b>Lighting Fixture - HID</b>	
Instance on Basement	Does not exist
<b>Lighting Fixture - Incandescent</b>	
Instance on Basement	Does not exist
<b>Lighting Fixture - LED</b>	
Instance on Basement	Does not exist
<b>Local Sound System</b>	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Installation Year	2011
Source of Installation Year	Custodial Staff
Deficiency	No deficiencies recorded
<b>Projection System</b>	
Instance on Basement	Does not exist
<b>Theater Lighting System</b>	
Instance on Basement	Does not exist
<b>CITY FIRE ALARM SYSTEM</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE</b>	Inspected
<b>Lighting</b>	Inspected
Does a Chandelier Exist?	No
<b>Lighting Fixture - Fluorescent</b>	Inspected
<b>Pendant Mounted</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Recessed Mounted</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Surface Mounted</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Lighting Fixture - HID</b>	Does not exist
<b>Lighting Fixture - Incandescent</b>	Does not exist
<b>Lighting Fixture - LED</b>	Does not exist
<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	2- Between Good and Fair
Deficiency	LESS THAN 20% SPARE CIRCUIT BREAKERS
Deficiency Location/Instance	Custodian's Office

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Question	Response
<b>EMERGENCY LIGHT/EXIT LIGHT PANEL</b>	
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL NEW PANEL BOARD
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 2
Violations	No violations 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	1- Good
Deficiency	No deficiencies recorded
<b>EXIT LIGHT</b>	
	Inspected
<b>Battery Pack</b>	
	Inspected
Condition	1- Good
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	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>CO Detector</b>	
	Does not exist
<b>Duct Smoke Detector</b>	
	Does not exist
<b>Elevator Recall</b>	
	Does not exist
<b>Fan Shutdown Control</b>	
	Does not exist
<b>Fire Alarm Digital Communicator</b>	
	Inspected
Instance	Main Entrance Lobby
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Ademco
EquipmentId	Fire Alarm Communicator
Capacity/Size Quantity	5
Capacity/Size UOM	Zones
Source of Capacity/Size	Nameplate
Installation Year	2011
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
<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

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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	Main Entrance Lobby
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	General Electric
Model	EST 3
EquipmentId	Fire Alarm Control Panel
Capacity/Size Quantity	12
Capacity/Size UOM	Zones
Capacity/Size 2 Quantity	1
Capacity/Size 2 UOM	Section(s)
Source of Capacity/Size	Diagram
Installation Year	2011
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
<b>Fire Alarm Control Panel (Standard)</b>	Does not exist
<b>Manual Pull Station</b>	Inspected
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>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Printer</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Punch Register</b>	Does not exist
<b>Sprinkler Flow/Air Pressure Switch</b>	Does not exist
<b>Strobe</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Sub-Panel</b>	Does not exist
<b>Tamper Flow Switch/Chain</b>	Does not exist
<b>GROUNDING SYSTEM</b>	
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>GYMNASIUM</b>	
Does not exist	
<b>INTERCOM SYSTEM</b>	
Does not exist	
<b>KITCHEN</b>	
Instance on Basement	Inspected
<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

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<b>Question</b>	<b>Response</b>
<b>KITCHEN</b>	
<b>Lighting</b>	
<b>Lighting Fixture - Fluorescent</b>	
<b>Surface Mounted</b>	
Instance Condition	1- Good
Deficiency	No deficiencies recorded
<b>Lighting Fixture - HID</b>	
Instance on Basement	Does not exist
<b>Lighting Fixture - Incandescent</b>	
Instance on Basement	Does not exist
<b>Lighting Fixture - LED</b>	
Instance on Basement	Inspected
<b>Pendant Mounted</b>	
Instance on Basement	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
<b>Recessed Mounted</b>	
Instance on Basement	Does not exist
<b>Surface Mounted</b>	
Instance on Basement	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>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	No deficiencies 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>	Does not exist
<b>Fused Toggle Switch Type</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Molded Case Circuit Breaker Type</b>	Inspected
Condition	3- Fair
Deficiency	NO SPARE
Deficiency Location/Instance	2nd Floor Corridor By Room 207
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL NEW PANEL BOARD
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	PANEL BOARD COVER IS MISSING
Deficiency Location/Instance	2nd Floor Corridor By Room 202

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Question	Response
<b>PANEL BOARD</b>	
<b>Molded Case Circuit Breaker Type</b>	
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>PUBLIC ADDRESS SYSTEM</b>	
	Inspected
Instance	General Office - Room 109
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Dukane 250
Installation Year	2011
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
<b>SCIENCE DEMO ROOM</b>	
	Does not exist
<b>SCIENCE LAB</b>	
Instance on Room 207	Inspected
Power Panel?	Yes
Alternative Use	No
<b>Emergency Gas Shut-Off Valve</b>	
Instance on Room 207	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Emergency Shut-Off Power</b>	
Instance on Room 207	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Lighting</b>	
Instance on Room 207	Inspected
<b>Lighting Fixture - Fluorescent</b>	
Instance on Room 207	Inspected
<b>Pendant Mounted</b>	
Instance on Room 207	Does not exist
<b>Recessed Mounted</b>	
Instance on Room 207	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
<b>Surface Mounted</b>	
Instance on Room 207	Does not exist
<b>Lighting Fixture - HID</b>	
Instance on Room 207	Does not exist
<b>Lighting Fixture - Incandescent</b>	
Instance on Room 207	Does not exist
<b>Lighting Fixture - LED</b>	
Instance on Room 207	Does not exist
<b>Power Supply</b>	
Instance on Room 207	Inspected
<b>Instructor Unit</b>	
Instance on Room 207	Inspected
Instance Condition	3- Fair

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Question	Response
<b>SCIENCE LAB</b>	
<b>Power Supply</b>	
<b>Instructor Unit</b>	
Deficiency	No deficiencies recorded
<b>Meter Demonstration Unit</b>	
Instance on Room 207	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Student Unit</b>	
Instance on Room 207	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Projection System</b>	
Instance on Room 207	Does not exist
<b>SCIENCE PREP ROOM</b>	
Instance on Room 207A	Inspected
Power Panel?	No
Alternative Use	No
<b>Emergency Gas Shut-Off Valve</b>	
Instance on Room 207A	Does not exist
<b>Emergency Shut-Off Power</b>	
Instance on Room 207A	Does not exist
<b>Lighting</b>	
Instance on Room 207A	Inspected
<b>Lighting Fixture - Fluorescent</b>	
Instance on Room 207A	Inspected
<b>Pendant Mounted</b>	
Instance on Room 207A	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
<b>Recessed Mounted</b>	
Instance on Room 207A	Does not exist
<b>Surface Mounted</b>	
Instance on Room 207A	Does not exist
<b>Lighting Fixture - HID</b>	
Instance on Room 207A	Does not exist
<b>Lighting Fixture - Incandescent</b>	
Instance on Room 207A	Does not exist
<b>Lighting Fixture - LED</b>	
Instance on Room 207A	Does not exist
<b>Power Supply</b>	
Instance on Room 207A	Does not exist
<b>SECURITY</b>	
<b>Intrusion Alarm System</b>	
<b>Central Control Panel</b>	
Instance	Custodian's Office
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Vista - 128B
Installation Year	2001
Source of Installation Year	Documented
Deficiency	No deficiencies recorded

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Question	Response
<b>SECURITY</b>	
<b>Intrusion Alarm System</b>	
<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	1- Good
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>	Inspected
Condition	2- Between Good and Fair
Installation Year	2013
Source of Installation Year	Custodial Staff
Deficiency	No deficiencies recorded
<b>Lighting - Security</b>	Inspected
Condition	3- Fair
Replacement Quantity	11
Replacement Uom	EACH
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE
Deficiency Location/Instance	Building Perimeters
Deficiency Quantity	11
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 3
Violations	No violations recorded
<b>SERVICE SWITCH</b>	Inspected
Instance	Electrical Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Electrotech
EquipmentId	Main Service
Capacity/Size Quantity	800
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1987
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
<b>SWIMMING POOL</b>	Does not exist
<b>SWITCHBOARD</b>	Inspected
Number of Spares	1
<b>Air Circuit Breaker Type</b>	Does not exist
<b>Fused Disconnect Switch Type</b>	Inspected
Instance	Custodian's Office
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH



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Question	Response
<b>SWITCHBOARD</b>	
<b>Fused Disconnect Switch Type</b>	
Manufacturer	Electrotech
EquipmentId	Switchboard PNL
Capacity/Size Quantity	800
Capacity/Size UOM	Amps Total
Capacity/Size 2 Quantity	2
Capacity/Size 2 UOM	Section(s)
Source of Capacity/Size	Service Switch Size
Installation Year	1987
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
<b>Fused Knife Switch Type</b>	Does not exist
<b>Molded Case Circuit Breaker Type</b>	Does not exist
<b>TELEPHONE SYSTEM</b>	Inspected
<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	SYSTEM NOT OPERATIONAL
Deficiency Location/Instance	Room 209
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>TOILET ROOM - STAFF</b>	Inspected
<b>Lighting</b>	Inspected
<b>Lighting Fixture - Fluorescent</b>	Inspected
<b>Pendant Mounted</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Recessed Mounted</b>	Does not exist
<b>Surface Mounted</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Lighting Fixture - HID</b>	Does not exist
<b>Lighting Fixture - Incandescent</b>	Does not exist
<b>Lighting Fixture - LED</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	1- Good
Deficiency	No deficiencies recorded
<b>Recessed Mounted</b>	Does not exist
<b>Surface Mounted</b>	Does not exist
<b>Lighting Fixture - HID</b>	Does not exist
<b>Lighting Fixture - Incandescent</b>	Does not exist
<b>Lighting Fixture - LED</b>	Does not exist
<b>TRANSFORMER</b>	Does not exist
<b>TV SYSTEM</b>	Inspected
Cable System Exist?	Yes

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Question	Response
<b>TV SYSTEM</b>	
Operational?	Yes
<b>Main Equipment Rack</b>	Does not exist

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