

NYC Department of Education
Building Condition Assessment Survey 2018 - 2019

Electrical Inspection

Q090

Asset: P.S. 90 - QUEENS, 86-50 109 STREET, New York, 11418

Inspection Id	Inspection Type	Time In	Last Edited
EE : Q090	Electrical	2018-12-07 8:10 AM	2018-12-10 8:27 AM

Asset Data

Question	Answer
Type of Service	Below Ground
Does Interactive Whiteboard (IWB) Exist?	Yes
Water Penetration in Electrical Room?	No
Have any Systems/Major Building Components been upgraded?	Yes
	Systems: Projection System (Auditorium, Cafeteria)
	Years: 2017
	Systems: Interior Fluorescent Lighting, Emergency Lighting (Non Battery Pack)
	Years: 2014
	Systems: Security Lights
	Years: 2013
	Systems: Emergency Light/Exit Light Panel, Molded Case Circuit Breaker Panel Board, Partial Grounding System, Service Switch, Switchboard
	Years: 2012
	Systems: Public Address System, Local Sound System, Exit Lights (Battery Pack), Emergency Lighting (Battery Pack), Telephone System
	Years: 2010
	Systems: Fused Disconnect Switch Type Panel Board
	Years: 1999
	Systems: Intrusion Alarm System
	Years: 1995

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

Priority Condition Exist Last Year?	Priority Category	Condition Description	Component Affected	Location Description	Person(s) Notified	Person(s) Title	Status	PhotoImage
No	Water Leaks onto Electrical Equipment	N/A	Lighting Fixture	Men's Toilet - 4th Floor By Room 406	Emilio Polese	Fireman	Sent to DSF	

Inspection

Question	Response
Electrical	
AUDITORIUM	Inspected
Instance on Basement	Inspected
House Lighting	Inspected
Does a Chandelier exist?	No
Instance on Basement	Inspected
Lighting Fixture - Fluorescent	
Instance on Basement	Inspected
Pendant Mounted	Inspected
Instance on Basement	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded

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Question	Response
AUDITORIUM	
House Lighting	
Lighting Fixture - Fluorescent	
Surface Mounted	Inspected
Instance on Basement	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Recessed Mounted	Does not Exist
Instance on Basement	Does not Exist
Lighting Fixture - HID	
Instance on Basement	Does not Exist
Lighting Fixture - Incandescent	
Instance on Basement	Does not Exist
Lighting Fixture - LED	
Instance on Basement	Does not Exist
Local Sound System	
Instance on Basement	Inspected
Installation Year	2010
Source of Installation	Custodial Staff
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Projection System	
Is the projector on a cart or installed on the ceiling?	Cart
Instance on Basement	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Theater Lighting System	
Instance on Basement	Inspected
Dimming System	
Instance on Basement	Does not Exist
Theater Lighting	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE
Deficiency Quantity	8
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
CAFETERIA	
Instance on Basement	Inspected
Lighting	
Instance on Basement	Inspected
Lighting Fixture - Fluorescent	
Instance on Basement	Inspected
Pendant Mounted	
Instance on Basement	Does not Exist
Instance on Basement	Does not Exist

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Question	Response
CAFETERIA	
Lighting	
Lighting Fixture - Fluorescent	
Surface Mounted	Inspected
Instance on Basement	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Recessed Mounted	Does not Exist
Instance on Basement	Does not Exist
Lighting Fixture - HID	
Instance on Basement	Does not Exist
Lighting Fixture - Incandescent	
Instance on Basement	Does not Exist
Lighting Fixture - LED	
Instance on Basement	Does not Exist
Local Sound System	
Instance on Basement	Inspected
Installation Year	2010
Source of Installation	Custodial Staff
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Projection System	
Is the projector on a cart or installed on the ceiling?	Cart
Instance on Basement	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Theater Lighting System	
Instance on Basement	Does not Exist
CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE	
Lighting	Inspected
Does a Chandelier exist?	No
Lighting Fixture - Fluorescent	
Pendant Mounted	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Surface Mounted	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Recessed Mounted	Does not Exist
Lighting Fixture - HID	
Does not Exist	
Lighting Fixture - Incandescent	
Does not Exist	
Lighting Fixture - LED	
Does not Exist	
COMPUTER LAB	
Does not Exist	
GYMNASIUM	
Does not Exist	
KITCHEN	
Instance on Basement	Inspected
Lighting	Inspected
Instance on Basement	Inspected
Lighting Fixture - Fluorescent	

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Question	Response
KITCHEN	
Lighting	
Lighting Fixture - Fluorescent	
Instance on Basement	Inspected
Pendant Mounted	
Instance on Basement	Does not Exist
Surface Mounted	
Instance on Basement	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on Basement	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
Instance on Basement	Does not Exist
Lighting Fixture - Incandescent	
Instance on Basement	Does not Exist
Lighting Fixture - LED	
Instance on Basement	Does not Exist
LIBRARY	
Instance on Room 306	Inspected
Lighting	
Instance on Room 306	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 306	Inspected
Pendant Mounted	
Instance on Room 306	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Surface Mounted	
Instance on Room 306	Does not Exist
Recessed Mounted	
Instance on Room 306	Does not Exist
Lighting Fixture - HID	
Instance on Room 306	Does not Exist
Lighting Fixture - Incandescent	
Instance on Room 306	Does not Exist
Lighting Fixture - LED	
Instance on Room 306	Does not Exist
Raceway With Receptacles	
Instance on Room 306	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Projection System	
Instance on Room 306	Does not Exist
LOCKER ROOM	
Does not Exist	
MULTIPURPOSE ROOM	
Does not Exist	
SCIENCE DEMO ROOM	
Does not Exist	

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Question	Response
SCIENCE LAB	Does not Exist
SCIENCE PREP ROOM	Does not Exist
SWIMMING POOL	Does not Exist
TOILET ROOM - STAFF	Inspected
Lighting	Inspected
Lighting Fixture - Fluorescent	Inspected
Pendant Mounted	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Surface Mounted	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Recessed Mounted	Does not Exist
Lighting Fixture - HID	Does not Exist
Lighting Fixture - Incandescent	Does not Exist
Lighting Fixture - LED	Does not Exist
TOILET ROOM - STUDENT	Inspected
Lighting	Inspected
Lighting Fixture - Fluorescent	Inspected
Pendant Mounted	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Surface Mounted	Does not Exist
Recessed Mounted	Does not Exist
Lighting Fixture - HID	Does not Exist
Lighting Fixture - Incandescent	Does not Exist
Lighting Fixture - LED	Does not Exist
AUXILIARY SIGNAL/BELL SYSTEM	Inspected
Replacement Quantity	80,000
Replacement Uom	S.F.
Condition	3 - Fair
Deficiency	No deficiencies recorded
EMERGENCY DC STANDBY BATTERY POWER	Does not Exist
EMERGENCY GENERATOR SET	Does not Exist
EMERGENCY LIGHT/EXIT LIGHT PANEL	Inspected
Condition	2 - Between Good and Fair
Deficiency	PANEL BOARD DIRECTORY MISSING OR REQUIRES UPDATING
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 2
Purpose of Action	LEVEL 2
Deficiency Photo	No photo recorded
Violations	No violations recorded.
EMERGENCY LIGHTING	Inspected
Battery Pack	Inspected

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Question	Response
EMERGENCY LIGHTING	
Battery Pack	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Non Battery Pack	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
EXIT LIGHT	
Battery Pack	Inspected
Condition	2 - Between Good and Fair
Deficiency	FIXTURE NOT OPERATIONAL
Deficiency Location/Instance	Corridor by Room 406
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Non Battery Pack	Does not Exist
EXIT/EMERGENCY LIGHT	Does not Exist
CITY FIRE ALARM SYSTEM	
Condition	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
FIRE ALARM SYSTEM	
Replacement Quantity	Inspected
Replacement Quantity	80,000
Replacement Uom	S.F.
Bell/Horn	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Strobe	Does not Exist
Manual Pull Station	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Fan Shutdown Control	Does not Exist
Duct Smoke Detector	Does not Exist
Area Smoke Detector	Does not Exist
CO Detector	Does not Exist
Heat Detector	Does not Exist
Elevator Recall	Does not Exist
Magnetic Door Holder/Contactor	Does not Exist
Fused Cutout Panel	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Fire Alarm Digital Communicator	Does not Exist
Main Panel	Inspected
Bell At Panel	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded

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Question	Response
FIRE ALARM SYSTEM	
Main Panel	
Fire Alarm Control Panel (Electronic)	Does not Exist
Fire Alarm Control Panel (Standard)	Inspected
Instance	Custodian's Office
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	ACME
Equipment	Fire Alarm Control Board
Capacity/Size Quantity	6
Capacity/Size UOM	Circuits
Source of Capacity/Size	Inspector Estimate
Installation Year	1963
Source of Installation	Documented
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	Custodian's Office
Deficiency Quantity	80,000
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Sub-Panel	Does not Exist
Remote Annunciator	Does not Exist
Sprinkler Flow/Air Pressure Switch	Does not Exist
Tamper Flow Switch/Chain	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
GROUNDING SYSTEM	
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
INTERCOM SYSTEM	
LAN	Inspected
Local Distribution Frame (I/LDF)	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Main Equipment Rack (MDF)	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
LIGHTNING PROTECTION	
MOTOR CONTROL CENTER	
MOTOR STARTER/CONTACTOR	
Condition	3 - Fair
Deficiency	No deficiencies recorded
PANEL BOARD	
Fused Disconnect Switch Type	Inspected
Condition	3 - Fair

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Question	Response
PANEL BOARD	
Fused Disconnect Switch Type	Inspected
Deficiency	No deficiencies recorded
Fused Knife Switch Type	Does not Exist
Fused Toggle Switch Type	Does not Exist
Molded Case Circuit Breaker Type	Inspected
Condition	2 - Between Good and Fair
Deficiency	PANEL BOARD DIRECTORY MISSING OR REQUIRES UPDATING
Deficiency Location/Instance	Auditorium, Boiler Room
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 2
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Deficiency	NO SPARE
Deficiency Location/Instance	Corridor by Room 109
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL NEW PANEL BOARD
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
PUBLIC ADDRESS SYSTEM	Inspected
Replacement Quantity	80,000
Replacement Uom	S.F.
Instance	General Office
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Rauland Telecenter
Installation Year	2010
Source of Installation	Custodial Staff
Deficiency	CLOCK NOT OPERATIONAL
Deficiency Location/Instance	Classrooms and Corridors
Deficiency Quantity	18
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
SECURITY	Inspected
IPDVS/CCTV System	Does not Exist
Intrusion Alarm System	Inspected
Replacement Quantity	80,000

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Question	Response
SECURITY	
Intrusion Alarm System	
Replacement Uom	S.F.
Central Control Panel	
Instance	Custodian's Office
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	4140 XMPT2
Installation Year	1995
Source of Installation	Custodial Staff
Deficiency	No deficiencies recorded
Infrared Sensor	
Condition	3 - Fair
Deficiency	No deficiencies recorded
Panic Switch	
Condition	3 - Fair
Deficiency	No deficiencies recorded
Remote Annunciator	
Condition	3 - Fair
Deficiency	No deficiencies recorded
Siren/Strobe	
Condition	3 - Fair
Deficiency	No deficiencies recorded
Ultrasonic Sensor	
	Does not Exist
Lighting - Security	
Replacement Quantity	31
Replacement Uom	EACH
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
SERVICE SWITCH	
Instance	Boiler Room
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	All City Switchboard
Equipment	N/A
Capacity/Size Quantity	2,000
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	2012
Source of Installation	Documented
Deficiency	No deficiencies recorded
SWITCHBOARD	
Number of Spares	8
Air Circuit Breaker Type	
	Does not Exist
Fused Disconnect Switch Type	
Instance	Boiler Room
Instance Condition	2 - Between Good and Fair

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SWITCHBOARD	
Fused Disconnect Switch Type	
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Siemens
Equipment	N/A
Capacity/Size Quantity	2,000
Capacity/Size UOM	Amps Total
Capacity/Size2 Quantity	3
Capacity/Size2 UOM	Section(S)
Source of Capacity/Size	Service Switch Size
Installation Year	2012
Source of Installation	Custodial Staff
Deficiency	No deficiencies recorded
Fused Knife Switch Type	Does not Exist
Molded Case Circuit Breaker Type	Does not Exist
TELEPHONE SYSTEM	Inspected
PBX/Intercom	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Standard	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
TRANSFORMER	Does not Exist
TV SYSTEM	Inspected
Cable System Exist?	Yes
Operational?	Yes
Main Equipment Rack	Does not Exist