

NYC Department of Education
Building Condition Assessment Survey 2017 - 2018

Electrical Inspection

Q112

Asset: P.S. 112 - QUEENS, 25-05 37 AVENUE, New York, 11101

Inspection Id	Inspection Type	Time In	Last Edited
EE : Q112	Electrical	2018-04-02 8:30 AM	2018-04-11 4:25 PM

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: Intrusion Alarm System (Central Control Panel)
	Years: 2017
	Systems: Interior Lighting (Except Library), Partial Emergency Lighting (Non Battery Pack), Auditorium (Partial Theater Lighting), Telephone System, LAN
	Years: 2016
	Systems: Intercom System (Elevator)
	Years: 2015
	Systems: Fire Alarm System, Library, Auxiliary Signal/Bell System
	Years: 2014
	Systems: Service Switch, Switchboard, Partial Motor Starters, Auditorium (Projection System), Public Address System, Local Sound System
	Years: 2013
	Systems: IPDVS/CCTV System
	Years: 2011
	Systems: Security Lights
	Years: 2010
	Systems: Intercom System (Holding Area)
	Years: 2007
	Systems: Intrusion Alarm System
	Years: 2004
	Systems: Emergency Light/Exit Light Panel
	Years: 1995
	Systems: Most Molded Case Circuit Breaker Panel Board
	Years: 1988, 1996, 2013

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	Fire Alarm System - Components Not Operational	N/A	FIRE ALARM SYSTEM Magnetic Door Holder/Contacto r	Corridor by Room 211	Dino Hondroulis	Custodian	Sent to DSF	
Yes	Fire Alarm System - Components Missing	N/A	FIRE ALARM SYSTEM Magnetic Door Holder/Contacto r	Corridor by Room 311	Dino Hondroulis	Custodian	Sent to DSF	

Inspection

Question	Response
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Question	Response
Electrical	
AUDITORIUM	Inspected
Instance on 1st Floor	Inspected
House Lighting	Inspected
Does a Chandelier exist?	No
Instance on 1st Floor	Inspected
Lighting Fixture - Fluorescent	
Instance on 1st Floor	Inspected
Pendant Mounted	Does not Exist
Instance on 1st Floor	Does not Exist
Surface Mounted	Inspected
Instance on 1st Floor	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Recessed Mounted	Does not Exist
Instance on 1st Floor	Does not Exist
Lighting Fixture - HID	
Instance on 1st Floor	Does not Exist
Lighting Fixture - Incandescent	
Instance on 1st Floor	Does not Exist
Lighting Fixture - LED	
Instance on 1st Floor	Inspected
Pendant Mounted	Does not Exist
Instance on 1st Floor	Does not Exist
Surface Mounted	Inspected
Instance on 1st Floor	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Recessed Mounted	Does not Exist
Instance on 1st Floor	Does not Exist
Local Sound System	Inspected
Instance on 1st Floor	Inspected
Installation Year	2013
Source of Installation	Custodial Staff
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Projection System	Inspected
Is the projector on a cart or installed on the ceiling?	Ceiling
Instance on 1st Floor	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Theater Lighting System	Inspected
Instance on 1st Floor	Inspected
Dimming System	
Instance on 1st Floor	Does not Exist
Theater Lighting	
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
CAFETERIA	Inspected

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Question	Response
CAFETERIA	
Instance on 1st Floor	Inspected
Lighting	Inspected
Instance on 1st Floor	Inspected
Lighting Fixture - Fluorescent	
Instance on 1st Floor	Inspected
Pendant Mounted	Does not Exist
Instance on 1st Floor	Does not Exist
Surface Mounted	Inspected
Instance on 1st Floor	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Recessed Mounted	Does not Exist
Instance on 1st Floor	Does not Exist
Lighting Fixture - HID	
Instance on 1st Floor	Does not Exist
Lighting Fixture - Incandescent	
Instance on 1st Floor	Does not Exist
Lighting Fixture - LED	
Instance on 1st Floor	Does not Exist
Local Sound System	Inspected
Instance on 1st Floor	Inspected
Installation Year	2013
Source of Installation	Custodial Staff
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Projection System	Does not Exist
Instance on 1st Floor	Does not Exist
Theater Lighting System	Does not Exist
Instance on 1st Floor	Does not Exist
CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE	Inspected
Lighting	Inspected
Does a Chandelier exist?	No
Lighting Fixture - Fluorescent	Inspected
Pendant Mounted	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Surface Mounted	Inspected
Condition	1 - Good
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	Inspected
Instance on Room 209	Inspected
Power Panel	Yes
Lighting	Inspected
Instance on Room 209	Inspected

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Question	Response
COMPUTER LAB	
Lighting	
Lighting Fixture - Fluorescent	
Instance on Room 209	Inspected
Pendant Mounted	
Instance on Room 209	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Surface Mounted	
Instance on Room 209	Does not Exist
Recessed Mounted	
Instance on Room 209	Does not Exist
Lighting Fixture - HID	
Instance on Room 209	Does not Exist
Lighting Fixture - Incandescent	
Instance on Room 209	Does not Exist
Lighting Fixture - LED	
Instance on Room 209	Does not Exist
Raceway With Receptacles	
Instance on Room 209	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
GYMNASIUM	
Instance on 3rd Floor	Inspected
Lighting	
Instance on 3rd Floor	Inspected
Lighting Fixture - Fluorescent	
Instance on 3rd Floor	Does not Exist
Lighting Fixture - HID	
Instance on 3rd Floor	Does not Exist
Lighting Fixture - Incandescent	
Instance on 3rd Floor	Does not Exist
Lighting Fixture - LED	
Instance on 3rd Floor	Inspected
Pendant Mounted	
Instance on 3rd Floor	Does not Exist
Surface Mounted	
Instance on 3rd Floor	Does not Exist
Recessed Mounted	
Instance on 3rd Floor	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Local Sound System	
Instance on 3rd Floor	Inspected
Installation Year	2013
Source of Installation	Custodial Staff
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Projection System	
	Does not Exist

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Question	Response
GYMNASIUM	
Projection System	Does not Exist
Instance on 3rd Floor	Does not Exist
Scoreboard	Does not Exist
Instance on 3rd Floor	Does not Exist
Theater Lighting System	Does not Exist
Instance on 3rd Floor	Does not Exist
KITCHEN	
Lighting	Inspected
Instance on 1st Floor	Inspected
Lighting Fixture - Fluorescent	
Instance on 1st Floor	Inspected
Pendant Mounted	Inspected
Instance on 1st Floor	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Surface Mounted	Does not Exist
Instance on 1st Floor	Does not Exist
Recessed Mounted	Does not Exist
Instance on 1st Floor	Does not Exist
Lighting Fixture - HID	
Instance on 1st Floor	Does not Exist
Lighting Fixture - Incandescent	
Instance on 1st Floor	Does not Exist
Lighting Fixture - LED	
Instance on 1st Floor	Does not Exist
LIBRARY	
Lighting	Inspected
Instance on Room 219	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 219	Inspected
Pendant Mounted	Inspected
Instance on Room 219	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Surface Mounted	Does not Exist
Instance on Room 219	Does not Exist
Recessed Mounted	Inspected
Instance on Room 219	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
Instance on Room 219	Does not Exist
Lighting Fixture - Incandescent	
Instance on Room 219	Does not Exist
Lighting Fixture - LED	
Instance on Room 219	Does not Exist

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Question	Response
LIBRARY	
Raceway With Receptacles	Does not Exist
Instance on Room 219	Does not Exist
Projection System	Does not Exist
Instance on Room 219	Does not Exist
LOCKER ROOM	Does not Exist
MULTIPURPOSE ROOM	Does not Exist
SCIENCE DEMO ROOM	Does not Exist
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	Does not Exist
Surface Mounted	Inspected
Condition	1 - Good
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	Does not Exist
Surface Mounted	Inspected
Condition	1 - Good
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
AUXILIARY SIGNAL/BELL SYSTEM	Inspected
Replacement Quantity	66,000
Replacement Uom	S.F.
Condition	1 - Good
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	3 - Fair
Deficiency	LESS THAN 20% SPARE CIRCUIT BREAKERS
Deficiency Location/Instance	Electrical Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL NEW PANEL BOARD
Urgency of Action	PRIORITY 5

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Question	Response
EMERGENCY LIGHT/EXIT LIGHT PANEL	Inspected
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
EMERGENCY LIGHTING	Inspected
Battery Pack	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Non Battery Pack	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
EXIT LIGHT	Inspected
Battery Pack	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Non Battery Pack	Inspected
Condition	3 - Fair
Deficiency	FIXTURE NOT OPERATIONAL
Deficiency Location/Instance	Auditorium
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
EXIT/EMERGENCY LIGHT	Does not Exist
CITY FIRE ALARM SYSTEM	Inspected
Condition	5 - Poor
Deficiency	NOT OPERATIONAL
Deficiency Location/Instance	Corridor by Room 117
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
FIRE ALARM SYSTEM	Inspected
Replacement Quantity	66,000
Replacement Uom	S.F.
Bell/Horn	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Strobe	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Manual Pull Station	Inspected
Condition	1 - Good

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Question	Response
FIRE ALARM SYSTEM	
Manual Pull Station	Inspected
Deficiency	No deficiencies recorded
Fan Shutdown Control	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Duct Smoke Detector	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Area Smoke Detector	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
CO Detector	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Heat Detector	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Elevator Recall	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Magnetic Door Holder/Contactor	Inspected
Condition	2 - Between Good and Fair
Deficiency	CONTACTOR NOT OPERATIONAL
Deficiency Location/Instance	Corridor by Room 211
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Deficiency	CONTACTOR MISSING
Deficiency Location/Instance	Corridor by Room 311
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL CONTACTOR
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Fused Cutout Panel	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Fire Alarm Digital Communicator	Does not Exist
Main Panel	Inspected
Bell At Panel	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Fire Alarm Control Panel (Electronic)	Inspected

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Question	Response
FIRE ALARM SYSTEM	
Main Panel	
Fire Alarm Control Panel (Electronic)	
Instance	Main Entrance Lobby
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Edwards System Technology
Equipment	F.A Control Panel
Model	EST 3X
Capacity/Size Quantity	18
Capacity/Size UOM	Zones
Capacity/Size2 Quantity	1
Capacity/Size2 UOM	Section(S)
Source of Capacity/Size	Diagram
Installation Year	2014
Source of Installation	Documented
Deficiency	No deficiencies recorded
Fire Alarm Control Panel (Standard)	Does not Exist
Sub-Panel	Does not Exist
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	1 - Good
Deficiency	No deficiencies recorded
Tamper Flow Switch/Chain	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
GROUNDING SYSTEM	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
INTERCOM SYSTEM	Inspected
Elevator	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Holding Area	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
LAN	Inspected
Local Distribution Frame (I/LDF)	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Main Equipment Rack (MDF)	Inspected

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Question	Response
LAN	Inspected
Main Equipment Rack (MDF)	
Condition	1 - Good
Deficiency	No deficiencies recorded
LIGHTNING PROTECTION	Does not Exist
MOTOR CONTROL CENTER	Does not Exist
MOTOR STARTER/CONTACTOR	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
PANEL BOARD	Inspected
Fused Disconnect Switch Type	Inspected
Condition	3 - Fair
Deficiency	PANEL BOARD BEYOND USEFUL LIFE
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
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Fused Knife Switch Type	Inspected
Condition	3 - Fair
Deficiency	PANEL BOARD BEYOND USEFUL LIFE
Deficiency Location/Instance	Penthouse, Fan Room - Basement
Deficiency Quantity	2
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.
Fused Toggle Switch Type	Does not Exist
Molded Case Circuit Breaker Type	Inspected
Condition	2 - Between Good and Fair
Deficiency	PANEL BOARD BEYOND USEFUL LIFE
Deficiency Location/Instance	(2nd, 3rd Floor) Corridor Closets, Room 309
Deficiency Quantity	3
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.
Deficiency	PANEL BOARD DIRECTORY MISSING OR REQUIRES UPDATING
Deficiency Location/Instance	Projection Room, Gymnasium, Cafeteria
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	MAINTENANCE

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Question	Response
PANEL BOARD	
Molded Case Circuit Breaker Type	
Urgency of Action	PRIORITY 2
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
PUBLIC ADDRESS SYSTEM	
	Inspected
Replacement Quantity	66,000
Replacement Uom	S.F.
Instance	General Office
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Dukane 250
Installation Year	2013
Source of Installation	Custodial Staff
Deficiency	No deficiencies recorded
SECURITY	
	Inspected
IPDVS/CCTV System	
	Inspected
Replacement Quantity	66,000
Replacement Uom	S.F.
Installation Year	2011
Source of Installation	Inspector Estimate
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Intrusion Alarm System	
	Inspected
Replacement Quantity	66,000
Replacement Uom	S.F.
Central Control Panel	
	Inspected
Instance	Custodian's Office
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Vista - 128BPT
Installation Year	2017
Source of Installation	Custodial Staff
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

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Question	Response
SECURITY	Inspected
Intrusion Alarm System	Inspected
Ultrasonic Sensor	Does not Exist
Lighting - Security	Inaccessible
SERVICE SWITCH	Inspected
Instance	Electrical Room
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	All City Switchboard
Equipment	Main Switch
Capacity/Size Quantity	1,600
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	2013
Source of Installation	Documented
Deficiency	No deficiencies recorded
SWITCHBOARD	Inspected
Number of Spares	5
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
Instance Manufacturer	All City Switchboard
Equipment	N/A
Capacity/Size Quantity	1,600
Capacity/Size UOM	Amps Total
Capacity/Size2 Quantity	3
Capacity/Size2 UOM	Section(S)
Source of Capacity/Size	Service Switch Size
Installation Year	2013
Source of Installation	Documented
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	1 - Good
Deficiency	No deficiencies recorded
Standard	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
TRANSFORMER	Does not Exist
TV SYSTEM	Does not Exist