

**NYC Department of Education
Building Condition Assessment Survey 2017 - 2018**

Electrical Inspection

X042

Asset: P.S. 42 - BRONX, 1537 WASHINGTON AVE, New York, 10457

Inspection Id	Inspection Type	Time In	Last Edited
EE : X042	Electrical	2018-02-01 10:46 AM	2018-02-07 12:17 PM

Asset Data

Question	Answer
Type of Service	Below Ground
Does Interactive Whiteboard (IWB) Exist?	Yes
Water Penetration in Electrical Room?	Yes
Have any Systems/Major Building Components been upgraded?	Yes
	Systems: Library
	Years: Under construction
	Systems: Telephone System
	Years: 2017
	Systems: Interior Lighting, Emergency Lighting (Non Battery Pack)
	Years: 2014
	Systems: Service Switch, Switchboard, Grounding System, Public Address System (Amplifier), Fire Alarm System (Fused Cutout Panel)
	Years: 2013
	Systems: Multipurpose Room - 2nd Floor (Local Sound System)
	Years: 2010
	Systems: Molded Case Circuit Breaker Panel Board
	Years: 2007, 2013
	Systems: LAN
	Years: 2007
	Systems: Fused Disconnect Switch Type Panel Board
	Years: 1999
	Systems: Security Lights
	Years: 1995, 2008
	Systems: Intrusion Alarm System, Emergency Light/Exit Light Panel
	Years: 1993

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	Local Sound System - Not Connected to Public Address System	N/A	MULTIPURPOSE ROOM Local Sound System	2nd Floor	Kenneth Rollins	Fireman	Sent to DSF	
No	Water Penetration in Electrical Room	N/A	Electrical Equipment	Electrical Room	Kenneth Rollins	Fireman	Sent to DSF	
Yes	Emergency Lighting - Not Operational	N/A	EMERGENCY LIGHTING Battery Pack	2nd Floor Multipurpose Room, Cafeteria, Basement by Exits 1, 2, 7, Boiler Room,	Kenneth Rollins	Fireman	Sent to DSF	

Inspection

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Question	Response
Electrical	
AUDITORIUM	Does not Exist
CAFETERIA	Inspected
Instance on Basement	Inspected
Lighting	Inspected
Instance on Basement	Inspected
Lighting Fixture - Fluorescent	
Instance on Basement	Inspected
Pendant Mounted	Does not Exist
Instance on Basement	Does not Exist
Surface Mounted	Inspected
Instance on Basement	Inspected
Condition	1 - Good
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	Inspected
Instance on Basement	Inspected
Installation Year	1980
Source of Installation	Inspector Estimate
Condition	5 - Poor
Deficiency	AMPLIFIER NOT OPERATIONAL
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE SYSTEM
Urgency of Action	PRIORITY 2
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Projection System	Does not Exist
Instance on Basement	Does not Exist
Theater Lighting System	Does not Exist
Instance on Basement	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

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Question	Response
CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE	
Lighting	
Lighting Fixture - Fluorescent	Inspected
Recessed Mounted	Does not Exist
Lighting Fixture - HID	Does not Exist
Lighting Fixture - Incandescent	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 - LED	Does not Exist
COMPUTER LAB	
Instance on Room 311	Inspected
Power Panel	Yes
Lighting	Inspected
Instance on Room 311	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 311	Inspected
Pendant Mounted	Inspected
Instance on Room 311	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Surface Mounted	Does not Exist
Instance on Room 311	Does not Exist
Recessed Mounted	Does not Exist
Instance on Room 311	Does not Exist
Lighting Fixture - HID	
Instance on Room 311	Does not Exist
Lighting Fixture - Incandescent	
Instance on Room 311	Does not Exist
Lighting Fixture - LED	
Instance on Room 311	Does not Exist
Raceway With Receptacles	Inspected
Instance on Room 311	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
GYMNASIUM	
KITCHEN	
Instance on Basement	Inspected
Lighting	Inspected
Instance on Basement	Inspected
Lighting Fixture - Fluorescent	
Instance on Basement	Inspected
Pendant Mounted	Does not Exist
Instance on Basement	Does not Exist
Surface Mounted	Inspected

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Question	Response
KITCHEN	
Lighting	
Lighting Fixture - Fluorescent	
Surface Mounted	Inspected
Instance on Basement	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Recessed Mounted	Inspected
Instance on Basement	Inspected
Condition	1 - Good
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	Inspected
Instance on Room 306	Under Construction
LOCKER ROOM	Does not Exist
MULTIPURPOSE ROOM	Inspected
Instance on 2nd Floor	Inspected
Instance on Basement	Inspected
Lighting	Inspected
Instance on Basement	Inspected
Instance on 2nd Floor	Inspected
Lighting Fixture - Fluorescent	
Instance on Basement	Inspected
Instance on 2nd Floor	Does not Exist
Pendant Mounted	Does not Exist
Instance on Basement	Does not Exist
Surface Mounted	Inspected
Instance on Basement	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Recessed Mounted	Does not Exist
Instance on Basement	Does not Exist
Lighting Fixture - HID	
Instance on Basement	Does not Exist
Instance on 2nd Floor	Does not Exist
Lighting Fixture - Incandescent	
Instance on Basement	Does not Exist
Instance on 2nd Floor	Does not Exist
Lighting Fixture - LED	
Instance on Basement	Does not Exist
Instance on 2nd Floor	Inspected
Pendant Mounted	Does not Exist
Instance on 2nd Floor	Does not Exist
Surface Mounted	Inspected

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Question	Response
MULTIPURPOSE ROOM	
Lighting	
Lighting Fixture - LED	
Surface Mounted	Inspected
Instance on 2nd Floor	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Recessed Mounted	Does not Exist
Instance on 2nd Floor	Does not Exist
Local Sound System	Inspected
Instance on Basement	Inspected
Installation Year	1972
Source of Installation	Inspector Estimate
Condition	5 - Poor
Deficiency	AMPLIFIER NOT OPERATIONAL
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE SYSTEM
Urgency of Action	PRIORITY 2
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Instance on 2nd Floor	Inspected
Installation Year	2010
Source of Installation	Custodial Staff
Condition	2 - Between Good and Fair
Deficiency	NOT CONNECTED TO PUBLIC ADDRESS SYSTEM
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL CONNECTION
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Projection System	Does not Exist
Instance on Basement	Does not Exist
Instance on 2nd Floor	Does not Exist
Theater Lighting System	Does not Exist
Instance on Basement	Does not Exist
Instance on 2nd Floor	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

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Question	Response
TOILET ROOM - STAFF	
Lighting	
Lighting Fixture - Fluorescent	Inspected
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	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
AUXILIARY SIGNAL/BELL SYSTEM	Inspected
Replacement Quantity	65,000
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	3 - Fair
Deficiency	No deficiencies recorded
EMERGENCY LIGHTING	Inspected
Battery Pack	Inspected
Condition	3 - Fair
Deficiency	BATTERY NOT OPERATIONAL
Deficiency Location/Instance	Boiler Room, Multipurpose Room - 2nd Floor, Cafeteria, Basement (Exits 1, 2, 7)
Deficiency Quantity	8
Quantity Uom	EACH
Potential Action	REPLACE BATTERY
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Deficiency Photo 1	No photo recorded
Violations	35234820P
Non Battery Pack	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
EXIT LIGHT	Inspected

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Question	Response
EXIT LIGHT	
Battery Pack	Inspected
Condition	3 - Fair
Deficiency	BATTERY NOT OPERATIONAL
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE BATTERY
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 2
Deficiency Photo	No photo recorded
Violations	No violations recorded.
Non Battery Pack	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
EXIT/EMERGENCY LIGHT	
	Does not Exist
CITY FIRE ALARM SYSTEM	
	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
FIRE ALARM SYSTEM	
	Inspected
Replacement Quantity	65,000
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	1 - Good
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
Fire Alarm Control Panel (Electronic)	
	Does not Exist
Fire Alarm Control Panel (Standard)	
	Inspected
Instance	Boiler Room
Instance Condition	3 - Fair
Instance Quantity	1

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Question	Response
FIRE ALARM SYSTEM	
Main Panel	
Fire Alarm Control Panel (Standard)	
Instance Quantity Uom	EACH
Instance Manufacturer	ACME
Equipment	Fire Alarm Control Board
Capacity/Size Quantity	5
Capacity/Size UOM	Circuits
Source of Capacity/Size	Diagram
Installation Year	1958
Source of Installation	Inspector Estimate
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	65,000
Quantity Uom	S.F.
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	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
INTERCOM SYSTEM	Does not Exist
LAN	Inspected
Local Distribution Frame (I/LDF)	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Main Equipment Rack (MDF)	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
LIGHTNING PROTECTION	Does not Exist
MOTOR CONTROL CENTER	Does not Exist
MOTOR STARTER/CONTACTOR	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
PANEL BOARD	Inspected
Fused Disconnect Switch Type	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Fused Knife Switch Type	Does not Exist
Fused Toggle Switch Type	Does not Exist
Molded Case Circuit Breaker Type	Inspected

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Question	Response
PANEL BOARD	
Molded Case Circuit Breaker Type	
Condition	2 - Between Good and Fair
Deficiency	NO SPARE
Deficiency Location/Instance	By Room 400A
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	65,000
Replacement Uom	S.F.
Instance	General Office
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Dukane 125
Installation Year	1980
Source of Installation	Inspector Estimate
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	65,000
Quantity Uom	S.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
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	65,000
Replacement Uom	S.F.
Central Control Panel	
	Inspected
Instance	Custodian's Office
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Vista - 50P
Installation Year	1993
Source of Installation	Inspector Estimate
Deficiency	PANEL NOT CONNECTED TO DOE CENTRAL STATION
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REWIRE
Urgency of Action	PRIORITY 4

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Question	Response
SECURITY	
Intrusion Alarm System	
Central Control Panel	Inspected
Purpose of Action	LEVEL 3
Deficiency Photo1	No photo recorded
Violations	No violations 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
Ultrasonic Sensor	Does not Exist
Lighting - Security	Inspected
Replacement Quantity	12
Replacement Uom	EACH
Condition	4 - Between Fair and Poor
Deficiency	LIGHTING FIXTURE BALLAST DEFECTIVE
Deficiency Location/Instance	Building Perimeter, Roof Facing Park Avenue
Deficiency Quantity	10
Quantity Uom	EACH
Potential Action	REPLACE BALLAST
Urgency of Action	PRIORITY 2
Purpose of Action	LEVEL 3
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Deficiency	TIME CLOCK NOT OPERATIONAL
Deficiency Location/Instance	Cafeteria By Custodian's Office, Electrical Room
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 2
Purpose of Action	LEVEL 3
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
SERVICE SWITCH	Inspected
Instance	Electrical Meter Room
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Gavan Graham
Equipment	Main Disconnect
Capacity/Size Quantity	1,600

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Question	Response
SERVICE SWITCH	
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	10
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	Gavan Graham
Equipment	MDB A, MDB B
Capacity/Size Quantity	1,600
Capacity/Size UOM	Amps Total
Capacity/Size2 Quantity	2
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	
	Inspected
Cable System Exist?	Yes
Operational?	Yes
Main Equipment Rack	
	Does not Exist