

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Electrical Inspection

K831

Asset: DIV. COMPUTER INFO-DATA CENTER-K, 2 METROTECH CENTER, New York, 11211

Inspection Id	Inspection Type	Time In	Last Edited
EE : K831	Electrical	2024-02-13 10:28 AM	2024-06-21 12:24 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: LAN
	Years: 2023
	Systems: IPDVS/CCTV System
	Years: 2016
	Systems: Fire Alarm System (Sub-Panel), Transformers
	Years: 2011
	Systems: Fire Alarm System - Except (Manual Pull Station)
	Years: 2010
	Systems: Partial Recessed Fluorescent Lighting, Staff Toilet Rooms (Recessed Fluorescent Lighting), Incandescent Lighting,
	Years: 2006
	Systems: Fused Disconnect Switch Type Panel Board
	Years: 2004
	Systems: Molded Case Circuit Breaker Type Panel Board
	Years: 1990, 2000, 2005, 2008
	Systems: All Other Electrical Systems and Components
	Years: 1990

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 condition recorded								

Inspection

Question	Response
Electrical	
AUDITORIUM	Does not Exist
CAFETERIA	Does not Exist
CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE	Inspected
Lighting	Inspected
Does a Chandelier exist?	No
Lighting Fixture - Fluorescent	Inspected
Pendant Mounted	Inspected
Condition	3 - Fair
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE
Deficiency Quantity	43
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2

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Question	Response
CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE	
Lighting	
Lighting Fixture - Fluorescent	
Pendant Mounted	
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Surface Mounted	Inspected
Condition	3 - Fair
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE
Deficiency Quantity	16
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.
Recessed Mounted	Inspected
Condition	3 - Fair
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE
Deficiency Quantity	533
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.
Lighting Fixture - HID	Does not Exist
Lighting Fixture - Incandescent	Inspected
Pendant Mounted	Does not Exist
Surface Mounted	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Recessed Mounted	Does not Exist
Lighting Fixture - LED	Does not Exist
COMPUTER LAB	Does not Exist
GYMNASIUM	Does not Exist
KITCHEN	Does not Exist
LIBRARY	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

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Question	Response
TOILET ROOM - STAFF	
Lighting	
Lighting Fixture - Fluorescent	
Surface Mounted	Does not Exist
Recessed Mounted	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Lighting Fixture - HID	Does not Exist
Lighting Fixture - Incandescent	Does not Exist
Lighting Fixture - LED	Does not Exist
TOILET ROOM - STUDENT	Does not Exist
AUXILIARY SIGNAL/BELL SYSTEM	Does not Exist
EMERGENCY DC STANDBY BATTERY POWER	Does not Exist
EMERGENCY GENERATOR SET	Does not Exist
EMERGENCY LIGHT/EXIT LIGHT PANEL	Does not Exist
EMERGENCY LIGHTING	Inspected
Battery Pack	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Non Battery Pack	Does not Exist
EXIT LIGHT	Inspected
Battery Pack	Inspected
Condition	3 - Fair
Deficiency	FIXTURE LAMP NOT OPERATIONAL
Deficiency Location/Instance	Rooms (317, 332)
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
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
FIRE ALARM SYSTEM	Inspected
Replacement Quantity	63,000
Replacement Uom	S.F.
Bell/Horn	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Strobe	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Manual Pull Station	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Fan Shutdown Control	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded

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Question	Response
FIRE ALARM SYSTEM	
Duct Smoke Detector	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Area Smoke Detector	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
CO Detector	Does not Exist
Heat Detector	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Elevator Recall	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Magnetic Door Holder/Contactor	Does not Exist
Fused Cutout Panel	Does not Exist
Fire Alarm Digital Communicator	Does not Exist
Main Panel	Does not Exist
Sub-Panel	Inspected
Bell At Panel	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Fire Alarm Control Panel (Electronic)	Inspected
Instance	Dry Pipe Valve Closet - Room 338
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Notifier
Equipment	Fire Alarm Control Panel
Model	System 5000
Installation Year	2011
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Room 318
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Siemens
Equipment	Smoke Detection Panel
Model	N/A
Installation Year	2011
Source of Installation	Documented
Deficiency	No deficiencies recorded
Fire Alarm Control Panel (Standard)	Does not Exist
Remote Annunciator	Does not Exist
Sprinkler Flow/Air Pressure Switch	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Tamper Flow Switch/Chain	Inspected

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Question	Response
FIRE ALARM SYSTEM	Inspected
Tamper Flow Switch/Chain	
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
GROUNDING SYSTEM	Does not Exist
INTERCOM SYSTEM	Does not Exist
LAN	Inspected
Local Distribution Frame (I/LDF)	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Main Equipment Rack (MDF)	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
LIGHTNING PROTECTION	Does not Exist
MOTOR CONTROLLER	Inspected
Motor Control Center	Inspected
Instance	11th Floor - Switchgear Room (East)
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Siemens
Equipment	MMC-11-C
Capacity/Size Quantity	600
Capacity/Size UOM	Amps
Capacity/Size2 Quantity	3
Capacity/Size2 UOM	Section(S)
Source of Capacity/Size	Nameplate
Installation Year	1990
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	3rd Floor - Fan Room
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Siemens
Equipment	MCC-3
Capacity/Size Quantity	600
Capacity/Size UOM	Amps
Capacity/Size2 Quantity	2
Capacity/Size2 UOM	Section(S)
Source of Capacity/Size	Nameplate
Installation Year	1990
Source of Installation	Documented
Deficiency	No deficiencies recorded
Motor Starter/Contactor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Variable Frequency Drive	Inspected
Condition	3 - Fair

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Question	Response
MOTOR CONTROLLER	Inspected
Variable Frequency Drive	Inspected
Deficiency	No deficiencies recorded
PANEL BOARD	Inspected
Fused Disconnect Switch Type	Inspected
Condition	3 - 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
Condition	3 - Fair
Deficiency	NO SPARE
Deficiency Location/Instance	Room 329
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	Does not Exist
SECURITY	Inspected
IPDVS/CCTV System	Inspected
Replacement Quantity	63,000
Replacement Uom	S.F.
Installation Year	2016
Source of Installation	Custodial Staff
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Intrusion Alarm System	Does not Exist
Lighting - Security	Does not Exist
SERVICE SWITCH	Inspected
Instance	11th Floor - Switchgear Room (East)
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Mac Power
Equipment	BOE - 200Amps (Fused at 1900 Amps Feed to ATS)
Capacity/Size Quantity	1,900
Capacity/Size UOM	Amps
Source of Capacity/Size	Fuse Size
Installation Year	1990
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	11th Floor - Switchgear Room (East)
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Mac Power

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Question	Response
SERVICE SWITCH	
Equipment	BOE Normal Feed to MCC 400Amps
Capacity/Size Quantity	800
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1990
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Electrical Closet - Room 328B
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	All City Switchboard
Equipment	DPA-3-1
Capacity/Size Quantity	2,000
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1990
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Electrical Room 328
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Square D
Equipment	S/W Reset # 2
Capacity/Size Quantity	1,600
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1990
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Electrical Room 328
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	All City Switchboard
Equipment	DP-3-2
Capacity/Size Quantity	2,000
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1990
Source of Installation	Documented
Deficiency	No deficiencies recorded
SWITCHBOARD	Inspected
Number of Spares	1
Fused Disconnect Switch Type	Inspected
Instance	Electrical Closet - Room 328B
Instance Condition	3 - Fair

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Question	Response
SWITCHBOARD	
Fused Disconnect Switch Type	
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	All City Switchboard
Equipment	DPA-3-1
Capacity/Size Quantity	2,000
Capacity/Size UOM	Amps Total
Capacity/Size2 Quantity	4
Capacity/Size2 UOM	Section(S)
Source of Capacity/Size	Service Switch Size
Installation Year	1990
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Electrical Closet - Room 328B
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Siemens
Equipment	DPA-3-UPS
Capacity/Size Quantity	1,600
Capacity/Size UOM	Amps Total
Capacity/Size2 Quantity	1
Capacity/Size2 UOM	Section(S)
Source of Capacity/Size	Service Switch Size
Installation Year	1990
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Electrical Room 328
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	All City Switchboard
Equipment	DP-3-2
Capacity/Size Quantity	2,000
Capacity/Size UOM	Amps Total
Capacity/Size2 Quantity	1
Capacity/Size2 UOM	Section(S)
Source of Capacity/Size	Service Switch Size
Installation Year	1990
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	3 - Fair
Deficiency	No deficiencies recorded
Standard	Inspected

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Question	Response
TELEPHONE SYSTEM	Inspected
Standard	
Condition	3 - Fair
Deficiency	No deficiencies recorded
TRANSFORMER	Inspected
Instance	Electrical Closet - Room 328B
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Square D
Equipment	TR-3-B
Capacity/Size Quantity	75
Capacity/Size UOM	KVA
Source of Capacity/Size	Nameplate
Installation Year	2011
Source of Installation	Custodial Staff
Deficiency	No deficiencies recorded
Instance	Electrical Closet - Room 328B
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Square D
Equipment	TR-3-C
Capacity/Size Quantity	45
Capacity/Size UOM	KVA
Source of Capacity/Size	Nameplate
Installation Year	2011
Source of Installation	Custodial Staff
Deficiency	No deficiencies recorded
Instance	Electrical Closet - Room 328B
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Square D
Equipment	TR-3-A
Capacity/Size Quantity	75
Capacity/Size UOM	KVA
Source of Capacity/Size	Nameplate
Installation Year	2011
Source of Installation	Custodial Staff
Deficiency	No deficiencies recorded
Instance	Electrical Room - by Area 3900
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Square D
Equipment	LP-3A
Capacity/Size Quantity	150
Capacity/Size UOM	KVA

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Question	Response
TRANSFORMER	Inspected
Source of Capacity/Size	Nameplate
Installation Year	2011
Source of Installation	Custodial Staff
Deficiency	No deficiencies recorded
Instance	Electrical Room 328
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Rex Power Magnetics
Equipment	MDP-3B
Capacity/Size Quantity	150
Capacity/Size UOM	KVA
Source of Capacity/Size	Nameplate
Installation Year	2011
Source of Installation	Custodial Staff
Deficiency	No deficiencies recorded
Instance	Electrical Room 328
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Rex Power Magnetics
Equipment	MDP-3A
Capacity/Size Quantity	150
Capacity/Size UOM	KVA
Source of Capacity/Size	Nameplate
Installation Year	2011
Source of Installation	Custodial Staff
Deficiency	No deficiencies recorded
Instance	Electrical Room 328
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Rex Power Magnetics
Equipment	N/A
Capacity/Size Quantity	113
Capacity/Size UOM	KVA
Source of Capacity/Size	Nameplate
Installation Year	2011
Source of Installation	Custodial Staff
Deficiency	No deficiencies recorded
Instance	Paint Service/Distribution Room 320
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Hammond Power Solutions
Equipment	N/A
Capacity/Size Quantity	75
Capacity/Size UOM	KVA

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Question	Response
TRANSFORMER	
Source of Capacity/Size	Nameplate
Installation Year	2011
Source of Installation	Custodial Staff
Deficiency	No deficiencies recorded