

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

K917

Asset: BKLYN COLL ACAD (BRIDGES TO K)-K, 350 CONEY ISLAND AVENUE, New York, 11218

Inspection Id	Inspection Type	Time In	Last Edited
ME : K917	Mechanical	2024-01-08 8:04 AM	2024-04-16 3:16 PM

Asset Data

Question	Answer
Are there fuel tanks?	No
Total # of water main service entries to the asset	1
MERs/Fan Rooms Locations	None
Are there any spaces with Missing or Defective CO Detectors?	Yes
Location(s)	Closet inside Room 102A-1 and Kitchen (DXSS with gas furnace)
Are there any Emergency Stop Switches with Missing Hammers?	No
Are there any Painted/Obstructed Sprinkler Heads?	Yes
Location(s)	Room C05-1
Have any Systems/Major Building Components been upgraded?	Yes
	Systems: Gas Fired Domestic Water Heater
	Years: 2023
	Systems: Gas Distribution Piping (90%)
	Years: 2021
	Systems: Kitchen - Grease Trap
	Years: 2019
	Systems: MDF Room - Dedicated A/C Equipment (DX Split System)
	Years: 2015

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
Mechanical	
AIR CONDITIONING	Inspected
Chilled Water System	Does not Exist
Condenser Water Distribution: Piping, Pumps and Auxiliaries	Does not Exist
Cooling Coil in Ductwork	Does not Exist
Cooling Tower	Does not Exist
DX Split System	Inspected
Indoor Unit	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Outdoor Unit	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Dry Cooler	Does not Exist
Packaged / Rooftop Unit	Inspected
Instance	Roof
Instance Condition	3 - Fair
Instance Quantity	4
Instance Quantity Uom	EACH

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Question	Response
AIR CONDITIONING	
Packaged / Rooftop Unit	
Source of Heating	Gas
Refrigerant Type	R-22
Instance Manufacturer	Trane
Equipment	1, 3, 5, 7
Capacity/Size Quantity	28
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	1996
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Roof
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Source of Heating	Gas
Refrigerant Type	R-22
Instance Manufacturer	Trane
Equipment	2
Capacity/Size Quantity	18
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	1996
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Roof
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Source of Heating	Gas
Refrigerant Type	R-22
Instance Manufacturer	Trane
Equipment	6
Capacity/Size Quantity	25
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	1996
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Roof
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Source of Heating	Gas
Refrigerant Type	R-22
Instance Manufacturer	Trane
Equipment	11
Capacity/Size Quantity	8
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate

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Question	Response
AIR CONDITIONING	
Packaged / Rooftop Unit	
Installation Year	1996
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Roof
Instance Condition	3 - Fair
Instance Quantity	2
Instance Quantity Uom	EACH
Source of Heating Refrigerant Type	Gas R-22
Instance Manufacturer	Trane
Equipment	4, 8
Capacity/Size Quantity	20
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	1996
Source of Installation	Documented
Deficiency	UP TO 20 TONS: DEFECTIVE MOISTURE DRAINAGE (BASIN & TUBING)
Deficiency Location/Instance	Roof / 4
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Instance	Roof
Instance Condition	4 - Between Fair and Poor
Instance Quantity	1
Instance Quantity Uom	EACH
Source of Heating Refrigerant Type	Gas R-22
Instance Manufacturer	Trane
Equipment	10
Capacity/Size Quantity	20
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	1996
Source of Installation	Documented
Deficiency	UP TO 20 TONS: DEFECTIVE COIL - CONDENSER
Deficiency Location/Instance	Roof
Deficiency Quantity	1
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.

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Question	Response
AIR CONDITIONING	
Packaged Terminal A/C	Does not Exist
Refrigerant Leak Detection System	Does not Exist
Refrigerant Piping	Inspected
Condition	3 - Fair
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Location/Instance	Roof
Deficiency Quantity	10
Quantity Uom	L.F.
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Return Fan	Does not Exist
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not Exist
CLIMATE CONTROL SYSTEM	Inspected
BMS	Inspected
Instance	Throughout
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Installation Year	1996
Source of Installation	Documented
Deficiency	No deficiencies recorded
Pneumatic System	Does not Exist
Hybrid System	Does not Exist
Electric System	Does not Exist
COMPACTOR	Does not Exist
CONVEYING	Inspected
Dumbwaiter	Does not Exist
Elevator	Inspected
Are all the existing elevators operable?	Yes
Condition	3 - Fair
Deficiency	No deficiencies recorded
Escalator	Does not Exist
Non-auditorium Handicap Lift - Vertical	Does not Exist
Non-auditorium Handicap Lift - Stair	Does not Exist
Ash Hoist	Does not Exist
Sidewalk Elevator	Does not Exist
DOMESTIC WATER SYSTEM	Inspected
Domestic Cold Water System	Inspected
Gravity System	Does not Exist
Pressure Booster System	Inspected
Electric Pressure Booster System	Inspected
Instance	Room C02-1
Instance Condition	3 - Fair

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Question	Response
DOMESTIC WATER SYSTEM	
Domestic Cold Water System	
Pressure Booster System	
Electric Pressure Booster System	
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Alyan Pump.
Equipment	N/A
Capacity/Size Quantity	2
Capacity/Size UOM	Total # Pumps
Capacity/Size2 Quantity	6
Capacity/Size2 UOM	Total Pumps HP
Source of Capacity/Size	Documented
Installation Year	1996
Source of Installation	Documented
Deficiency	No deficiencies recorded
Hydraulic/Pneumatic Booster System	Does not Exist
Water Service	Inspected
Instance	Room C05-1 (RPZ in Room 103A-1)
Instance Condition	4 - Between Fair and Poor
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN: DEFECTIVE VALVE
Deficiency Location/Instance	Room C05-1 (RPZ in Room 103A-1)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Domestic Hot Water System	Inspected
Domestic Hot Water Remote Storage Tank	Does not Exist
Domestic Water Heat Exchanger	Does not Exist
Electric Domestic Water Heater	Does not Exist
Heat Pump Domestic Water Heater	Does not Exist
Gas Fired Domestic Water Heater	Inspected
Instance	Room C02-1
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Rheem / Ruud
Equipment	N/A
Capacity/Size Quantity	250
Capacity/Size UOM	MBH Input
Capacity/Size2 Quantity	97
Capacity/Size2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	2023

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Question	Response
DOMESTIC WATER SYSTEM	
Domestic Hot Water System	Inspected
Gas Fired Domestic Water Heater	Inspected
Source of Installation	Custodial Staff
Deficiency	No deficiencies recorded
Oil Fired Domestic Water Heater	Does not Exist
Domestic Water Distribution Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
DRAIN/WASTE/VENT AND STORM SYSTEM	
Interior Storm Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Sewage/Waste/Vent Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Sewage Ejector Pump	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Sump Pump	Does not Exist
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	Does not Exist
FIXTURES	
Staff And Other	Inspected
Janitor Sink	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Toilet	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Urinal	Does not Exist
Student	Inspected
Drinking Fountain	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Locker Room Shower	Does not Exist
Sink And Fountain Combo Unit	Does not Exist
Toilet	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Urinal	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
GAS FIRED FURNACE	Does not Exist

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Question	Response
GAS SERVICE	Inspected
Gas Distribution Piping	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Gas Meter Room Exhaust Fan	Does not Exist
Gas Meter Room Vent	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Gas Pressure Booster	Does not Exist
CO/Gas Leak Detection	Does not Exist
HEATING	Inspected
Heating Coil In Ductwork	Does not Exist
Hydronic Heating	Does not Exist
Radiator/Convactor/Fin Tube	Does not Exist
Steam Heating	Does not Exist
Steam supplied by External Sources	Does not Exist
Unit Heater/Cabinet Heater	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
HEATING PLANT	Does not Exist
Enclosed IDF Room	Inspected
Instance on Room 427-1	Inspected
Dedicated A/C Equipment	Inspected
Instance on Room 427-1	Inspected
Condition	4 - Between Fair and Poor
Deficiency	DOES NOT EXIST
Deficiency Location/Instance	Room 427-1
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo	No photo recorded
Violations	No violations recorded.
KITCHEN	Inspected
Instance on 4th Floor	Inspected
CO Detector	Not Required
Instance on 4th Floor	Not Required
Gas System	Does not Exist
Instance on 4th Floor	Does not Exist
Grease Trap	Inspected
Instance on 4th Floor	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Hood	Inspected
Instance on 4th Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	Inspected

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Question	Response
KITCHEN	
Hood Exhaust Ductwork	Inspected
Instance on 4th Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hood Exhaust Fan	Inspected
Instance on 4th Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hood Fire Suppression System	Does not Exist
Instance on 4th Floor	Does not Exist
Hot Water Temperature Booster	Inspected
Instance on 4th Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Kitchen Sink	Inspected
Instance on 4th Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
MDF Room	Inspected
Instance on Room 103-1	Inspected
Dedicated A/C Equipment	Inspected
Instance on Room 103-1	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
SCIENCE DEMO ROOM	Does not Exist
SCIENCE LAB	Inspected
Instance on Room 510-1/510-2	Under Construction
SCIENCE PREP ROOM	Does not Exist
SPRINKLERS, STANDPIPE, FIRE SYSTEM	Inspected
Dry Sprinkler Alarm Valve Assembly	Does not Exist
Wet Sprinkler Alarm Valve Assembly	Does not Exist
Fire Booster Pump Assembly	Does not Exist
Roof Tank	Does not Exist
Siamese Connection	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Sprinkler Head	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Room C05-1
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.
Sprinkler Piping	Inspected

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Question	Response
SPRINKLERS, STANDPIPE, FIRE SYSTEM	
Sprinkler Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Standpipe System	Inspected
Hose Valve Assembly	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Water Gong	Does not Exist
SWIMMING POOL	Does not Exist
VENTILATION	Inspected
Is the building mechanically ventilated?	Yes
Exhaust Fan	Inspected
Approximate Total # of Fans	1-25
Condition	3 - Fair
Deficiency	No deficiencies recorded
Heating And Ventilating Unit	Does not Exist
Metal Ductwork	Inspected
Are there any uninsulated ductwork by design in Mechanical Rooms?	No
Are there chain operated dampers?	No
Condition	3 - Fair
Deficiency	DEFECTIVE REGISTER/DIFFUSER
Deficiency Location/Instance	Multipurpose Room
Deficiency Quantity	8
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Supply Fan	Does not Exist
Unit Ventilator	Does not Exist