

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

Q866

Asset: P.S. 99 ANNEX - QUEENS, 83-34 KEW GARDEN ROAD, New York, 11415

Inspection Id	Inspection Type	Time In	Last Edited
ME : Q866	Mechanical	2024-02-27 1:06 PM	2024-03-07 12:34 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?	No
Are there any Emergency Stop Switches with Missing Hammers?	No
Are there any Painted/Obstructed Sprinkler Heads?	No
Have any Systems/Major Building Components been upgraded?	Yes
	Systems: Exhaust Fans (3 of 12)
	Years: 2022
	Systems: Exhaust Fans (3 of 12)
	Years: 2021
	Systems: MDF Room - Dedicated A/C Equipment (DX Split System); Kitchen - Grease Trap; DX Split System for Telecom Room 106B (1 of 2)
	Years: 2018
	Systems: DX Split System for Kitchen (1 of 2)
	Years: 2016

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	1 - Good
Deficiency	No deficiencies recorded
Outdoor Unit	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Dry Cooler	Does not Exist
Packaged / Rooftop Unit	Inspected
Instance	Roof
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Source of Heating	Gas
Refrigerant Type	R-22
Instance Manufacturer	Trane

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Question	Response
AIR CONDITIONING	
Packaged / Rooftop Unit	
Equipment	AC-6
Capacity/Size Quantity	15
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	1994
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Roof
Instance Condition	3 - Fair
Instance Quantity	6
Instance Quantity Uom	EACH
Source of Heating	Gas
Refrigerant Type	R-22
Instance Manufacturer	Trane
Equipment	AC-4, AC-5, AC-7, AC-8, AC-9, AC-10
Capacity/Size Quantity	10
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	1994
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	AC-3
Capacity/Size Quantity	25
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	1994
Source of Installation	Documented
Deficiency	OVER 20 TONS: DEFECTIVE CONTROLS
Deficiency Location/Instance	Roof
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	3 - Fair
Instance Quantity	1
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	AC-2
Capacity/Size Quantity	20
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	1994
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	AC-1
Capacity/Size Quantity	50
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	1994
Source of Installation	Documented
Deficiency	No deficiencies recorded
Packaged Terminal A/C	Does not Exist
Refrigerant Leak Detection System	Does not Exist
Refrigerant Piping	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Return Fan	Does not Exist
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not Exist
CLIMATE CONTROL SYSTEM	Does not Exist
COMPACTOR	Does not Exist
CONVEYING	Inspected
Dumbwaiter	Does not Exist
Elevator	Does not Exist
Escalator	Does not Exist
Non-auditorium Handicap Lift - Vertical	Inspected
Are all the existing non-auditorium vertical handicap lifts operable?	Yes
Condition	3 - Fair
Deficiency	No deficiencies recorded
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

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Question	Response
DOMESTIC WATER SYSTEM	
Domestic Cold Water System	
Gravity System	Does not Exist
Pressure Booster System	Does not Exist
Water Service	Inspected
Instance	1st Floor Mechanical Room
Instance Condition	4 - Between Fair and Poor
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN: DEFECTIVE VALVE
Deficiency Location/Instance	1st Floor Mechanical Room (Main valve rusty)
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.
Deficiency	RPZ: DEFECTIVE/DETERIORATED
Deficiency Location/Instance	1st Floor Mechanical Room (Rusty)
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	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
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	Basement Water Heater Room
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Laars
Equipment	N/A
Capacity/Size Quantity	500
Capacity/Size UOM	MBH Input
Capacity/Size2 Quantity	0
Capacity/Size2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	1994
Source of Installation	Documented
Deficiency	No deficiencies recorded

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DOMESTIC WATER SYSTEM	
Domestic Hot Water System	Inspected
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	Inspected
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	Does not Exist
Sump Pump	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	Does not Exist
FIXTURES	Inspected
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	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Toilet	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Urinal	Does not Exist
GAS FIRED FURNACE	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
GAS SERVICE	Inspected

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GAS SERVICE	
Gas Distribution Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Gas Meter Room Exhaust Fan	Does not Exist
Gas Meter Room Vent	Does not Exist
Gas Pressure Booster	Does not Exist
CO/Gas Leak Detection	Does not Exist
HEATING	
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	
Enclosed IDF Room	Does not Exist
KITCHEN	
Instance on 1st Floor	Inspected
CO Detector	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Gas System	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Grease Trap	Inspected
Instance on 1st Floor	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Hood	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hood Exhaust Fan	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hood Fire Suppression System	Does not Exist
Instance on 1st Floor	Does not Exist
Hot Water Temperature Booster	Inspected
Instance on 1st Floor	Inspected

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Question	Response
KITCHEN	
Hot Water Temperature Booster	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Kitchen Sink	Inspected
Instance on 1st Floor	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
MDF Room	Inspected
Instance on Room 106A	Inspected
Dedicated A/C Equipment	Inspected
Instance on Room 106A	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
SCIENCE DEMO ROOM	Does not Exist
SCIENCE LAB	Does not Exist
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	Does not Exist
Sprinkler Head	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Sprinkler Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Standpipe System	Does not Exist
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	2 - Between Good and 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 VOLUME DAMPER
Deficiency Location/Instance	Roof/AC-4, AC-5, AC-6, AC-8, AC-9
Deficiency Quantity	5
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3

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Question	Response
VENTILATION	
Metal Ductwork	
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Deficiency	DEFECTIVE DUCTWORK
Deficiency Location/Instance	Roof
Deficiency Quantity	20
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.
Supply Fan	Does not Exist
Unit Ventilator	Does not Exist