

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Mechanical Inspection

Q245

Asset: P.S. 245 ECC (@ SENECA AVE) - Q, 378 SENECA AVE, New York, 11385

Inspection Id	Inspection Type	Time In	Last Edited
ME : Q245	Mechanical	2024-03-04 7:48 AM	2024-04-19 3:34 PM

Asset Data

Question	Answer
Are there fuel tanks?	No
Total # of water main service entries to the asset	2
MERs/Fan Rooms Locations	Fire Booster Pump Assembly Room B09A
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: Domestic Hot Water Remote Storage Tank
	Years: 2022
	Systems: Kitchen - Hot Water Temperature Booster
	Years: 2018
	Systems: MDF Room - Dedicated A/C Equipment (DX Split System)
	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	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Outdoor Unit	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Dry Cooler	Does not Exist
Packaged / Rooftop Unit	Inspected
Instance	Roof
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Source of Heating	Gas
Refrigerant Type	R-410A
Instance Manufacturer	AAON
Equipment	RTU-1
Capacity/Size Quantity	30
Capacity/Size UOM	Tons

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Question	Response
AIR CONDITIONING	
Packaged / Rooftop Unit	
Source of Capacity/Size	Documented
Installation Year	2008
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Roof
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Source of Heating Refrigerant Type	Gas R-407C
Instance Manufacturer	Governair
Equipment	RTU-2
Capacity/Size Quantity	120
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	2008
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Roof
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Source of Heating Refrigerant Type	Gas R-410A
Instance Manufacturer	AAON
Equipment	RTU-5
Capacity/Size Quantity	7
Capacity/Size UOM	Tons
Source of Capacity/Size	Documented
Installation Year	2008
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Roof
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Source of Heating Refrigerant Type	Gas R-410A
Instance Manufacturer	AAON
Equipment	RTU-4
Capacity/Size Quantity	6
Capacity/Size UOM	Tons
Source of Capacity/Size	Documented
Installation Year	2008
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Roof
Instance Condition	2 - Between Good and Fair

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Question	Response
AIR CONDITIONING	
Packaged / Rooftop Unit	
Instance Quantity	1
Instance Quantity Uom	EACH
Source of Heating	Gas
Refrigerant Type	R-410A
Instance Manufacturer	AAON
Equipment	RTU-3
Capacity/Size Quantity	10
Capacity/Size UOM	Tons
Source of Capacity/Size	Documented
Installation Year	2008
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	2 - Between Good and Fair
Deficiency	No deficiencies 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	2008
Source of Installation	Documented
Deficiency	DEFECTIVE TEMPERATURE CONTROL THERMOSTAT
Deficiency Location/Instance	Room 307
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.
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	2 - Between Good and Fair
Deficiency	No deficiencies recorded

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Question	Response
CONVEYING	
Escalator	Does not Exist
Non-auditorium Handicap Lift - Vertical	Inspected
Are all the existing non-auditorium vertical handicap lifts operable?	Yes
Condition	2 - Between Good and 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
Pressure Booster System	Does not Exist
Water Service	Inspected
Instance	Fire Booster Pump Assembly Room B09A
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	No deficiencies recorded
Instance	Room B05B
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	No deficiencies recorded
Domestic Hot Water System	Inspected
Domestic Hot Water Remote Storage Tank	Inspected
Condition	1 - Good
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	Room 307
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Lochinvar
Equipment	N/A
Capacity/Size Quantity	270
Capacity/Size UOM	MBH Input
Capacity/Size2 Quantity	0
Capacity/Size2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	2008
Source of Installation	Documented
Deficiency	No deficiencies recorded
Oil Fired Domestic Water Heater	Does not Exist
Domestic Water Distribution Piping	Inspected

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DOMESTIC WATER SYSTEM	Inspected
Domestic Water Distribution Piping	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
DRAIN/WASTE/VENT AND STORM SYSTEM	Inspected
Interior Storm Piping	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Sewage/Waste/Vent Piping	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Sewage Ejector Pump	Does not Exist
Sump Pump	Does not Exist
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	Does not Exist
GAS SERVICE	Inspected
Gas Distribution Piping	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Gas Meter Room Exhaust Fan	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded

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GAS SERVICE	
Gas Meter Room Vent	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Gas Pressure Booster	Inspected
Instance	Room B13A
Instance Condition	3 - Fair
Instance Quantity	2
Instance Quantity Uom	EACH
Instance Manufacturer	Eclipse
Equipment	N/A
Capacity/Size Quantity	5,500
Capacity/Size UOM	SCFH
Source of Capacity/Size	Documented
Installation Year	2008
Source of Installation	Documented
Deficiency	No deficiencies recorded
CO/Gas Leak Detection	Inspected
Instance	Rooms 307, 311, Toilet Room in Room 311
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Installation Year	2008
Source of Installation	Documented
Deficiency	No deficiencies recorded
HEATING	
	Inspected
Heating Coil In Ductwork	Does not Exist
Hydronic Heating	Does not Exist
Radiator/Convactor/Fin Tube	Inspected
Condition	2 - Between Good and Fair
Deficiency	RADIATOR/CONVECTOR: DEFECTIVE
Deficiency Location/Instance	Boys Toilet Room inside Room 108, Room 105
Deficiency Quantity	2
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.
Steam Heating	Does not Exist
Steam supplied by External Sources	Does not Exist
Unit Heater/Cabinet Heater	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
HEATING PLANT	
	Does not Exist
Enclosed IDF Room	Inspected
Instance on Room 206	Inspected
Dedicated A/C Equipment	Inspected
Instance on Room 206	Inspected

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Enclosed IDF Room	Inspected
Dedicated A/C Equipment	
Condition	3 - Fair
Deficiency	No deficiencies recorded
KITCHEN	Inspected
Instance on Basement	Inspected
CO Detector	Inspected
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Gas System	Inspected
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Grease Trap	Inspected
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE/CLOGGED
Deficiency Location/Instance	Room B01F (1 of 2)
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.
Hood	Inspected
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	Inspected
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hood Exhaust Fan	Inspected
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hood Fire Suppression System	Inspected
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Hot Water Temperature Booster	Inspected
Instance on Basement	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Kitchen Sink	Inspected
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded

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Question	Response
MDF Room	Inspected
Instance on Room B11	Inspected
Dedicated A/C Equipment	Inspected
Instance on Room B11	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	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Fire Booster Pump Assembly	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Roof Tank	Does not Exist
Siamese Connection	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Sprinkler Head	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Sprinkler Piping	Inspected
Condition	2 - Between Good and 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	3 - Fair
Deficiency	DEFECTIVE MOTOR
Deficiency Location/Instance	Roof / EF-22
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.
Heating And Ventilating Unit	Does not Exist
Metal Ductwork	Inspected
Are there any uninsulated ductwork by design in Mechanical Rooms?	Yes
Are there chain operated dampers?	No
Condition	2 - Between Good and Fair

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VENTILATION	
Metal Ductwork	Inspected
Deficiency	No deficiencies recorded
Supply Fan	Inspected
Approximate Total # of Fans	1-5
Condition	3 - Fair
Deficiency	No deficiencies recorded
Unit Ventilator	Does not Exist