

**NYC Department of Education
Building Condition Assessment Survey 2023-2024**

Mechanical Inspection

X484

Asset: DISTRICT 12 PRE-K CENTER AT 1946 BOSTON ROAD - BRONX, 1946 BOSTON ROAD, BRONX, NY, 10460

Inspection Id	Inspection Type	Time In	Last Edited
4314	MECHANICAL	2024-03-28 09:11AM	2024-03-28 10:51PM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	No System Upgraded
Are there fuel tanks?	No
Total # of water main service entries to the asset	2
MERs/Fan Rooms Locations	Basement - Fire Pump Room; Hot Water Heat Exchanger Closet 106A
Are there any spaces with Missing or Defective CO Detectors?	Yes
Location(s)	Boiler Room
Are there any Painted/Obstructed Sprinkler Heads?	No
Are there any Emergency Stop Switches with Missing Hammers?	No components

Priority Condition

Exist Last Year?	Priority Category	Condition Description	Component Affected	Location Description	Person(s) Notified	Person(s) Title	Photo Image
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	1st Floor Roof
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Trane
EquipmentId	RTU-1
Capacity/Size Quantity	49
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	2020
Source of Installation Year	Documented
Source of Heating	N/A
Refrigerant Type	R-410A
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

**NYC Department of Education
Building Condition Assessment Survey 2023-2024**

Mechanical Inspection

X484

Question	Response
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not exist
CLIMATE CONTROL SYSTEM	Inspected
BMS	Inspected
Instance	Throughout
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Installation Year	2020
Source of Installation Year	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	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	Basement - Water and RPZ Room
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	SICO Systems
EquipmentId	N/A
Capacity/Size Quantity	2
Capacity/Size UOM	Total # Pumps
Capacity/Size 2 Quantity	30
Capacity/Size 2 UOM	Total Pumps HP
Source of Capacity/Size	Documented
Installation Year	2020
Source of Installation Year	Custodial Staff
Deficiency	No deficiencies recorded
Hydraulic/Pneumatic Booster System	Does not exist
Water Service	Inspected
Instance	Basement - Water and RPZ Room
Instance Condition	1- Good
Instance Quantity	2
Instance Quantity Uom	EACH
Deficiency	No deficiencies 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	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Gas Fired Domestic Water Heater	Does not exist
Oil Fired Domestic Water Heater	Does not exist
Heat Pump Domestic Water Heater	Does not exist
Domestic Water Distribution Piping	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded

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Mechanical Inspection

X484

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DRAIN/WASTE/VENT AND STORM SYSTEM	Inspected
Interior Storm Piping	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Sewage/Waste/Vent Piping	Inspected
Condition	1- Good
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	1- Good
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Toilet	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Urinal	Does not exist
Student	Inspected
Drinking Fountain	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Locker Room Shower	Does not exist
Sink And Fountain Combo Unit	Does not exist
Toilet	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Urinal	Does not exist
GAS FIRED FURNACE	Does not exist
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	Does not exist
Gas Pressure Booster	Does not exist
CO/Gas Leak Detection	Does not exist
HEATING	Inspected
Heating Coil In Ductwork	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Hydronic Heating	Inspected
Hydronic Hot Water Distribution: Piping, Pumps and Auxiliaries	Inspected
Condition	1- Good
Deficiency	PIPING:DEFECTIVE/LEAKS
Deficiency Location/Instance	Corridor near room 112
Deficiency Quantity	10

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Building Condition Assessment Survey 2023-2024**

Mechanical Inspection

X484

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HEATING	
Hydronic Heating	
Hydronic Hot Water Distribution: Piping, Pumps and Auxiliaries	
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Backflow Preventer	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Hot Water Heat Exchanger	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
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	1- Good
Deficiency	No deficiencies recorded
HEATING PLANT	Inspected
Instance on Penthouse	Inspected
Is there a water meter on the boiler make-up water piping?	No
Burner Manufacturer	N/A
Burner Model	N/A
Burner Type	Gas
Heating Plant Oil Number	N/A
Boiler Auxiliaries	
Instance on Penthouse	Inspected
Boiler Auxiliary Piping	
Instance on Penthouse	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Boiler Emergency Stop Switch	
Instance on Penthouse	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Boiler Feedwater System	
Instance on Penthouse	Does not exist
Boiler Feedwater Treatment(Automatic)	
Instance on Penthouse	Does not exist
Boiler Flue Exhaust	
Instance on Penthouse	Does not exist
Boiler Make-up Water Backflow Preventer	
Instance on Penthouse	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Boiler Room Steam And Condensate Piping	
Instance on Penthouse	Does not exist
Boiler Safety Valve	
Instance on Penthouse	Does not exist
Boiler System	
Instance on Penthouse	Inspected
Coal-fired Boiler	

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X484

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HEATING PLANT	
Boiler System	
Coal-fired Boiler	
Instance on Penthouse	Does not exist
Hot Water Boiler	
Instance on Penthouse	Does not exist
Modular Boiler	
Instance on Penthouse	Inspected
Instance on Penthouse	Inspected
Instance	Boiler Room
Instance Condition	1- Good
Instance Quantity	1,000
Instance Quantity Uom	MBH NET
Manufacturer	Laars
EquipmentId	2000020537 9 N0003
Capacity/Size Quantity	1000
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Inspector Estimate
Installation Year	2020
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Steam Boiler	
Instance on Penthouse	Does not exist
Fuel System	
Instance on Penthouse	Inspected
Boiler Fresh Air Louver/Damper	
Instance on Penthouse	Inspected
Instance Condition	1- Good
Type	Automatic
Deficiency	No deficiencies recorded
Burner/Burner Control Panel	
Instance on Penthouse	Does not exist
Fuel Oil Storage/Supply System	
Instance on Penthouse	Does not exist
Gas Trains And Vent At The Boiler	
Instance on Penthouse	Does not exist
Enclosed IDF Room	
	Does not exist
KITCHEN	
Instance on Room 121	Inspected
CO Detector	
Instance on Room 121	Not required
Gas System	
Instance on Room 121	Does not exist
Grease Trap	
Instance on Room 121	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Hood	
Instance on Room 121	Does not exist
Hood Exhaust Ductwork	
Instance on Room 121	Does not exist
Hood Exhaust Fan	
Instance on Room 121	Does not exist
Hood Fire Suppression System	
Instance on Room 121	Does not exist

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X484

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KITCHEN	
Hood Fire Suppression System	
Hot Water Temperature Booster	
Instance on Room 121	Does not exist
Kitchen Sink	
Instance on Room 121	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
MDF Room	
Instance on Room 112	Inspected
Dedicated A/C Equipment	
Instance on Room 112	Inspected
Instance Condition	1- Good
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	
Inspected	
Condition	1- Good
Deficiency	No deficiencies recorded
Wet Sprinkler Alarm Valve Assembly	
Does not exist	
Fire Booster Pump Assembly	
Inspected	
Condition	1- Good
Deficiency	No deficiencies recorded
Roof Tank	
Does not exist	
Siamese Connection	
Inspected	
Condition	1- Good
Deficiency	No deficiencies recorded
Sprinkler Head	
Inspected	
Condition	1- Good
Deficiency	No deficiencies recorded
Sprinkler Piping	
Inspected	
Condition	1- Good
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	
Condition	1- Good
Approximate Total # of Fans	1-25
Deficiency	DEFECTIVE
Deficiency Location/Instance	1st Floor Roof / Bathroom Exhaust Fan (defective bearing)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Heating And Ventilating Unit	
Does not exist	
Metal Ductwork	
Inspected	
Condition	1- Good

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Building Condition Assessment Survey 2023-2024

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X484

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VENTILATION	
Metal Ductwork	
Are there any uninsulated ductwork by design in Mechanical rooms?	No
Are there chain operated dampers?	No
Deficiency	No deficiencies recorded
Supply Fan	Does not exist
Unit Ventilator	Does not exist