

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

Mechanical Inspection

X173

Asset: P.S. 236 - BRONX, 1871 WALTON AVENUE, BRONX, NY, 10453

Inspection Id	Inspection Type	Time In	Last Edited
4531	MECHANICAL	2024-04-05 08:58AM	2024-05-15 10:01AM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Drinking Fountain (~50%); Water Service: Backflow Preventer (2 of 3) Years: 2024 Systems: Kitchen - Grease Traps Years: 2022 Systems: Boiler #2 re-tubed; Climate Control System - Terminal Unit Controllers Years: 2021 Systems: CO/Gas Leak Detection; Climate Control System - Temperature Control Thermostats Years: 2019 Systems: MDF Room - Dedicated A/C Equipment (DX Split System) Years: 2014 Systems: F&T/Steam Drip Traps Years: 2013
Are there fuel tanks?	Yes
Total # of above ground tanks	2
Total capacity of all above ground tanks in gal.	2,275
Total # of below ground tanks	0
Total capacity of all below ground tanks in gal.	0
Total # of water main service entries to the asset	3
MERs/Fan Rooms Locations	MER C03A, Fire Pump Room C11, Penthouse MER
Are there any spaces with Missing or Defective CO Detectors?	No
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	Inspected
Absorption Chiller	Does not exist
Air Cooled Chiller	Inspected
Instance	Penthouse MER
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Carrier
EquipmentId	N/A
Capacity/Size Quantity	96
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	2007
Source of Installation Year	Inspector Estimate
Refrigerant Type	R-134A
Deficiency	No deficiencies recorded
Instance	Penthouse MER

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

Mechanical Inspection

X173

Question	Response
AIR CONDITIONING	
Chilled Water System	
Air Cooled Chiller	
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	McQuay
EquipmentId	RM-2
Capacity/Size Quantity	96
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	1997
Source of Installation Year	Documented
Refrigerant Type	R-22
Deficiency	No deficiencies recorded
Air Cooled Condenser	
	Inspected
Instance	Roof
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	McQuay
EquipmentId	ACC-1
Capacity/Size Quantity	96
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	1997
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	Roof
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	McQuay
EquipmentId	ACC-2
Capacity/Size Quantity	96
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	1997
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Chilled Water Distribution: Piping, Pumps and Auxiliaries	
	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Backflow Preventer	
	Inspected
Condition	4- Between Fair and Poor
Deficiency	DEFECTIVE
Deficiency Location/Instance	Penthouse MER
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Central Station Air Handler	
	Does not exist
Fan Coil Unit	
	Does not exist

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

Mechanical Inspection

X173

Question	Response
AIR CONDITIONING	
Chilled Water System	
Packaged Air Cooled Chiller	Does not exist
Water Cooled Chiller	Does not exist
Condenser Water Distribution: Piping, Pumps and Auxiliaries	Does not exist
Cooling Coil in Ductwork	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Cooling Tower	Does not exist
DX Split System	Inspected
Indoor Unit	
Condition	3- Fair
Deficiency	UP TO 5 TONS:NOT IN USE
Deficiency Location/Instance	1st Floor Kitchen (1 of 1)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
Outdoor Unit	
Condition	3- Fair
Deficiency	UP TO 5 TONS:NOT IN USE
Deficiency Location/Instance	Roof (1 of 1)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
Dry Cooler	Does not exist
Packaged / Rooftop Unit	Does not exist
Packaged Terminal A/C	Does not exist
Refrigerant Leak Detection System	Does not exist
Refrigerant Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Return Fan	
Condition	3- Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Penthouse MER / Return Fan #1 (defective belt)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not exist
CLIMATE CONTROL SYSTEM	Inspected
BMS	Does not exist
Pneumatic System	
Instance	Throughout
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH

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

Mechanical Inspection

X173

Question	Response
CLIMATE CONTROL SYSTEM	
Pneumatic System	
Building Area Covered by Operational System	81-100%
Deficiency	No deficiencies recorded
Hybrid System	Does not exist
Electric System	Does not exist
COMPACTOR	Does not exist
CONVEYING	Inspected
Dumbwaiter	Does not exist
Elevator	Inspected
Condition	3- Fair
Are all the existing elevators operable?	Yes
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	Fire Pump Room C11
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	B&G
EquipmentId	N/A
Capacity/Size Quantity	2
Capacity/Size UOM	Total # Pumps
Capacity/Size 2 Quantity	10
Capacity/Size 2 UOM	Total Pumps HP
Source of Capacity/Size	Documented
Installation Year	1997
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Hydraulic/Pneumatic Booster System	Does not exist
Water Service	Inspected
Instance	Cellar - Kitchen, Fire Pump Room C11
Instance Condition	3- Fair
Instance Quantity	3
Instance Quantity Uom	EACH
Deficiency	No deficiencies recorded
Domestic Hot Water System	Inspected
Domestic Hot Water Remote Storage Tank	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Domestic Water Heat Exchanger	Does not exist
Electric Domestic Water Heater	Does not exist
Gas Fired Domestic Water Heater	Inspected
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH

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

Mechanical Inspection

X173

Question	Response
DOMESTIC WATER SYSTEM	
Domestic Hot Water System	
Gas Fired Domestic Water Heater	
Manufacturer	Lochinvar
EquipmentId	N/A
Capacity/Size Quantity	750
Capacity/Size UOM	MBH Input
Capacity/Size 2 Quantity	0
Capacity/Size 2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	1997
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Oil Fired Domestic Water Heater	Does not exist
Heat Pump Domestic Water Heater	Does not exist
Domestic Water Distribution Piping	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
DRAIN/WASTE/VENT AND STORM SYSTEM	
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)	
Dual Temperature Distribution: Piping, Pumps and Auxiliaries	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Dual Temperature Terminal Fan Coil Unit	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
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	DEFECTIVE FLUSHOMETER VALVE
Deficiency Location/Instance	Staff Locker Room C09A, Staff Toilet Room 107
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Urinal	Does not exist
Student	Inspected
Drinking Fountain	Inspected

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

Mechanical Inspection

X173

Question	Response
FIXTURES	
Student	
Drinking Fountain	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	
Condition	Inspected
Deficiency	No deficiencies recorded
Locker Room Shower	
	Does not exist
Sink And Fountain Combo Unit	
Condition	Inspected
Deficiency	No deficiencies recorded
Toilet	
Condition	Inspected
Deficiency	3- Fair
Urinal	
	Does not exist
GAS FIRED FURNACE	
	Does not exist
GAS SERVICE	
	Inspected
Gas Distribution Piping	
Condition	Inspected
Deficiency	2- Between Good and Fair
Gas Meter Room Exhaust Fan	
	No deficiencies recorded
Gas Meter Room Vent	
Condition	Inspected
Deficiency	3- Fair
Gas Pressure Booster	
	Does not exist
CO/Gas Leak Detection	
	Inspected
Instance	Boiler Room, Gas Meter Room
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Installation Year	2019
Source of Installation Year	Custodial Staff
Deficiency	No deficiencies recorded
HEATING	
	Inspected
Heating Coil In Ductwork	
Condition	Inspected
Deficiency	3- Fair
Hydronic Heating	
	Inspected
Hydronic Hot Water Distribution: Piping, Pumps and Auxiliaries	
Condition	Inspected
Deficiency	3- Fair
Backflow Preventer	
	Does not exist
Hot Water Heat Exchanger	
Condition	Inspected
Deficiency	3- Fair
Radiator/Convactor/Fin Tube	
Condition	Inspected
Deficiency	3- Fair
Steam Heating	
	Inspected
F&T/Steam Drip Trap	
Condition	Inspected
Deficiency	2- Between Good and Fair
	No deficiencies recorded

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

Mechanical Inspection

X173

Question	Response
HEATING	
Steam Heating	
MER Steam and Condensate Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Steam Condensate Return Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Steam Condensate Return Pumping System	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Steam Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Terminal Unit Thermostatic Trap	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	Inspected
Instance on Cellar	Inspected
Is there a water meter on the boiler make-up water piping?	No
Burner Manufacturer	Kewanee
Burner Model	KFC-75
Burner Type	Dual Fuel (Gas/Oil)
Heating Plant Oil Number	2
Boiler Auxiliaries	
Instance on Cellar	Inspected
Boiler Auxiliary Piping	
Instance on Cellar	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Emergency Stop Switch	
Instance on Cellar	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Feedwater System	
Instance on Cellar	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Feedwater Treatment(Automatic)	
Instance on Cellar	Does not exist
Boiler Flue Exhaust	
Instance on Cellar	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Make-up Water Backflow Preventer	
Instance on Cellar	Inspected
Instance Condition	4- Between Fair and Poor
Deficiency	DEFECTIVE RPZ
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE

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

Mechanical Inspection

X173

Question	Response
HEATING PLANT	
Boiler Auxiliaries	
Boiler Make-up Water Backflow Preventer	
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Boiler Room Steam And Condensate Piping	
Instance on Cellar	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Safety Valve	
Instance on Cellar	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler System	
Instance on Cellar	Inspected
Coal-fired Boiler	
Instance on Cellar	Does not exist
Hot Water Boiler	
Instance on Cellar	Does not exist
Modular Boiler	
Instance on Cellar	Does not exist
Steam Boiler	
Instance on Cellar	Inspected
Instance on Cellar	Inspected
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	1,359
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	Kewanee Boiler Corporation
EquipmentId	101845-1
Capacity/Size Quantity	1750
Capacity/Size UOM	MBH Gross
Source of Capacity/Size	Documented
Installation Year	1997
Source of Installation Year	Documented
Deficiency	LEAKY/PLUGGED TUBES
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	1,359
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	Kewanee Boiler Corporation
EquipmentId	101845-2
Capacity/Size Quantity	1750
Capacity/Size UOM	MBH Gross
Source of Capacity/Size	Documented
Installation Year	1997

NYC Department of Education
Building Condition Assessment Survey 2023-2024

Mechanical Inspection

X173

Question	Response
HEATING PLANT	
Boiler System	
Steam Boiler	
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Fuel System	
Instance on Cellar	Inspected
Boiler Fresh Air Louver/Damper	
Instance on Cellar	Inspected
Instance Condition	3- Fair
Type	Automatic
Deficiency	No deficiencies recorded
Burner/Burner Control Panel	
Instance on Cellar	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Fuel Oil Storage/Supply System	
Instance on Cellar	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Gas Trains And Vent At The Boiler	
Instance on Cellar	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Enclosed IDF Room	Does not exist
KITCHEN	
Instance on Cellar	Inspected
CO Detector	
Instance on Cellar	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Gas System	
Instance on Cellar	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Grease Trap	
Instance on Cellar	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Hood	
Instance on Cellar	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	
Instance on Cellar	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Exhaust Fan	
Instance on Cellar	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Fire Suppression System	
Instance on Cellar	Inspected
Instance Condition	3- Fair

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

Mechanical Inspection

X173

Question	Response
KITCHEN	
Hood Fire Suppression System	
Deficiency	No deficiencies recorded
Hot Water Temperature Booster	
Instance on Cellar	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Kitchen Sink	
Instance on Cellar	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
MDF Room	Inspected
Instance on Room C02D	Inspected
Dedicated A/C Equipment	
Instance on Room C02D	Inspected
Instance 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	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Roof Tank	Does not exist
Siamese Connection	Inspected
Condition	3- 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	Inspected
Hose Valve Assembly	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Piping	Inspected
Condition	2- Between Good and 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
Condition	3- Fair
Approximate Total # of Fans	1-25
Deficiency	No deficiencies recorded
Heating And Ventilating Unit	Does not exist
Metal Ductwork	Inspected
Condition	3- Fair

NYC Department of Education
Building Condition Assessment Survey 2023-2024

Mechanical Inspection

X173

Question	Response
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	Inspected
Condition	3- Fair
Approximate Total # of Fans	1-5
Deficiency	DEFECTIVE
Deficiency Location/Instance	MER C03A / HV-1, Penthouse MER / HV-2 (2 of 5)
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Unit Ventilator	Does not exist