

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

Mechanical Inspection

X209

Asset: P.S. 209 - BRONX, 313 EAST 183 STREET, BRONX, NY, 10458

Inspection Id	Inspection Type	Time In	Last Edited
3941	MECHANICAL	2024-03-13 09:02PM	2024-05-20 01:59PM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Boilers re-tubed; Kitchen - Grease Trap Years: 2021 Systems: Boiler Make-up Water Backflow Preventer Years: 2016 Systems: MDF Room - Dedicated A/C Equipment (DX Split System); DX Split System for Telecom Room Years: 2015 Systems: CO/Gas Leak Detection Years: 2014 Systems: Domestic Hot Water System Years: 2013
Are there fuel tanks?	Yes
Total # of above ground tanks	1
Total capacity of all above ground tanks in gal.	3,000
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	MERs C18, C19
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	MER C18
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Trane
EquipmentId	CH-1
Capacity/Size Quantity	50
Capacity/Size UOM	Tons
Source of Capacity/Size	Documented
Installation Year	1994
Source of Installation Year	Documented
Refrigerant Type	R-22
Deficiency	No deficiencies recorded
Instance	MER C18
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Trane

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

Mechanical Inspection

X209

Question	Response
AIR CONDITIONING	
Chilled Water System	
Air Cooled Chiller	
EquipmentId	CH-2
Capacity/Size Quantity	50
Capacity/Size UOM	Tons
Source of Capacity/Size	Documented
Installation Year	1994
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	Trane
EquipmentId	N/A
Capacity/Size Quantity	50
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	1994
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	Roof
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Trane
EquipmentId	N/A
Capacity/Size Quantity	50
Capacity/Size UOM	Tons
Source of Capacity/Size	Inspector Estimate
Installation Year	1994
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Chilled Water Distribution: Piping, Pumps and Auxiliaries	
	Inspected
Condition	3- Fair
Deficiency	PIPING:DEFECTIVE/LEAKS
Deficiency Location/Instance	MER C18
Deficiency Quantity	20
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Backflow Preventer	
	Does not exist
Central Station Air Handler	
	Inspected
Instance	MER C19
Instance Condition	3- Fair
Instance Quantity	2
Instance Quantity Uom	EACH
Manufacturer	Trane
EquipmentId	N/A
Capacity/Size Quantity	2500
Capacity/Size UOM	CFM

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

Mechanical Inspection

X209

Question	Response
AIR CONDITIONING	
Chilled Water System	
Central Station Air Handler	
Source of Capacity/Size	Inspector Estimate
Installation Year	1994
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Fan Coil Unit	Does not exist
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	Does not exist
Cooling Tower	Does not exist
DX Split System	Inspected
Indoor Unit	
Condition	1- Good
Deficiency	No deficiencies recorded
Outdoor Unit	
Condition	1- Good
Deficiency	No deficiencies recorded
Dry Cooler	Does not exist
Packaged / Rooftop Unit	Does not exist
Packaged Terminal A/C	Does not exist
Refrigerant Leak Detection System	
Condition	3- Fair
Deficiency	No deficiencies recorded
Refrigerant Piping	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Return Fan	
Condition	3- Fair
Deficiency	No deficiencies recorded
CENTRAL ACID WASTE NEUTRALIZING TANK	
CLIMATE CONTROL SYSTEM	
BMS	
Instance	Throughout
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Installation Year	2010
Source of Installation Year	Inspector Estimate
Deficiency	DEFECTIVE TEMPERATURE CONTROL ZONE VALVE
Deficiency Location/Instance	MER C18
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
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

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

Mechanical Inspection

X209

Question	Response
CONVEYING	
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	Does not exist
Water Service	Inspected
Instance	Gas/Water Meter Room C10
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	2- Between Good and 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	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Rheem / Ruud
EquipmentId	N/A
Capacity/Size Quantity	334
Capacity/Size UOM	MBH Input
Capacity/Size 2 Quantity	0
Capacity/Size 2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	2013
Source of Installation Year	Inspector Estimate
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	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	Inspected

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

Mechanical Inspection

X209

Question	Response
DRAIN/WASTE/VENT AND STORM SYSTEM	
Sewage Ejector Pump	
Condition	3- Fair
Deficiency	No deficiencies recorded
Sump Pump	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	
	Inspected
Dual Temperature Distribution: Piping, Pumps and Auxiliaries	Inspected
Condition	3- Fair
Deficiency	PIPING:DEFECTIVE/LEAKS
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	10
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Dual Temperature Terminal Fan Coil Unit	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
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	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
GAS FIRED FURNACE	Does not exist
GAS SERVICE	Inspected
Gas Distribution Piping	Inspected

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

Mechanical Inspection

X209

Question	Response
GAS SERVICE	
Gas Distribution Piping	
Condition	3- Fair
Deficiency	No deficiencies recorded
Gas Meter Room Exhaust Fan	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Gas Meter Room Vent	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Gas Pressure Booster	Does not exist
CO/Gas Leak Detection	Inspected
Instance	Boiler Room, Gas/Water Meter Room C10
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Installation Year	2014
Source of Installation Year	Inspector Estimate
Deficiency	No deficiencies recorded
HEATING	Inspected
Heating Coil In Ductwork	Does not exist
Hydronic Heating	Inspected
Hydronic Hot Water Distribution: Piping, Pumps and Auxiliaries	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Backflow Preventer	Does not exist
Hot Water Heat Exchanger	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Radiator/Convactor/Fin Tube	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Steam Heating	Inspected
F&T/Steam Drip Trap	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
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	DEFECTIVE PUMP
Deficiency Location/Instance	MER C18
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Steam Piping	Inspected
Condition	3- Fair

NYC Department of Education
Building Condition Assessment Survey 2023-2024

Mechanical Inspection

X209

Question	Response
HEATING	
Steam Heating	
Steam Piping	
Deficiency	No deficiencies recorded
Terminal Unit Thermostatic Trap	Does not exist
Steam supplied by External Sources	Does not exist
Unit Heater/Cabinet Heater	
Condition	3- Fair
Deficiency	No deficiencies recorded
HEATING PLANT	
Instance on Basement	Inspected
Is there a water meter on the boiler make-up water piping?	No
Burner Manufacturer	N/A
Burner Model	N/A
Burner Type	Dual Fuel (Gas/Oil)
Heating Plant Oil Number	2
Boiler Auxiliaries	
Instance on Basement	Inspected
Boiler Auxiliary Piping	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Emergency Stop Switch	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Feedwater System	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Feedwater Treatment(Automatic)	
Instance on Basement	Does not exist
Boiler Flue Exhaust	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Make-up Water Backflow Preventer	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Room Steam And Condensate Piping	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Safety Valve	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler System	
Instance on Basement	Inspected
Coal-fired Boiler	
Instance on Basement	Does not exist
Hot Water Boiler	
Instance on Basement	Does not exist

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

Mechanical Inspection

X209

Question	Response
HEATING PLANT	
Boiler System	
Modular Boiler	
Instance on Basement	Does not exist
Steam Boiler	
Instance on Basement	Inspected
Instance on Basement	Inspected
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	1,592
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	Kewanee Boiler Corporation
EquipmentId	107052-1
Capacity/Size Quantity	2050
Capacity/Size UOM	MBH Gross
Source of Capacity/Size	Documented
Installation Year	1994
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	1,592
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	Kewanee Boiler Corporation
EquipmentId	107052-2
Capacity/Size Quantity	2050
Capacity/Size UOM	MBH Gross
Source of Capacity/Size	Documented
Installation Year	1994
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Fuel System	
Instance on Basement	Inspected
Boiler Fresh Air Louver/Damper	
Instance on Basement	Inspected
Instance Condition	3- Fair
Type	Automatic
Deficiency	No deficiencies recorded
Burner/Burner Control Panel	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	BURNER CONTROL PANEL:DEFECTIVE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Fuel Oil Storage/Supply System	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded

NYC Department of Education
Building Condition Assessment Survey 2023-2024

Mechanical Inspection

X209

Question	Response
HEATING PLANT	
Fuel System	
Gas Trains And Vent At The Boiler	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Enclosed IDF Room	Does not exist
KITCHEN	Inspected
Instance on 1st Floor	Inspected
CO Detector	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Gas System	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Grease Trap	
Instance on 1st Floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Hood	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Exhaust Ductwork	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Exhaust Fan	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood Fire Suppression System	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hot Water Temperature Booster	
Instance on 1st Floor	Does not exist
Kitchen Sink	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
MDF Room	Inspected
Instance on Room inside Room 213	Inspected
Dedicated A/C Equipment	
Instance on Room inside Room 213	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

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

Mechanical Inspection

X209

Question	Response
SPRINKLERS, STANDPIPE, FIRE SYSTEM	
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	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	No deficiencies recorded
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
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
Are there any uninsulated ductwork by design in Mechanical rooms?	No
Are there chain operated dampers?	No
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Location/Instance	MER C19
Deficiency Quantity	30
Quantity Uom	L.F.
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Supply Fan	Does not exist
Unit Ventilator	Does not exist