

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

Mechanical Inspection

X007



Asset: P.S. 7 - BRONX, 3201 KINGSBRIDGE AVENUE, BRONX, NY, 10463

Inspection Id	Inspection Type	Time In	Last Edited
1911	MECHANICAL	2023-12-22 07:20AM	2024-06-20 01:47PM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Climate Control System - Pneumatic PRV Station, Temperature Control Thermostats (~50%) Years: 2022 Systems: Boiler Safety Valves Years: 2020 Systems: DX Split Systems for Cafeteria and Kitchen Years: 2019 Systems: Gas Fired Domestic Water Heater Years: 2018 Systems: F&T/Steam Drip Traps; Terminal Unit Thermostatic Traps; CO/Gas Leak Detection Years: 2017 Systems: MDF Room - Dedicated A/C Equipment (DX Split System); Enclosed IDF Room - Dedicated A/C Equipment; Room 208 (DX Split System); Water Service (1 of 2) Years: 2016
Are there fuel tanks?	Yes
Total # of above ground tanks	1
Total capacity of all above ground tanks in gal.	7,500
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	2
MERs/Fan Rooms Locations	Sub-Basement Mechanical Area; Boiler Room Mechanical Area
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	Defective Boiler Safety Auxiliary	Water Column Assembly: Sight Glass is leaking	Steam Boiler	Boiler Room / Boiler #2	David Rodriguez	Fireman	
Yes	Defective Boiler Safety Auxiliary	Missing fusible link on trip wire connected to spring-loaded fuel oil lever gate valve.	Fuel Oil Storage/Supply System	Sub-Basement Mechanical Area @ Fuel Oil Transfer Pumps	David Rodriguez	Fireman	

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

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

Mechanical Inspection

X007

Question	Response
AIR CONDITIONING	
DX Split System	
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	Does not exist
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	Inspected
BMS	Does not exist
Pneumatic System	Inspected
Instance	Throughout
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Deficiency	DEFECTIVE TERMINAL UNIT CONTROL VALVE
Deficiency Location/Instance	Gymnasium
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Hybrid System	Does not exist
Electric System	Inspected
Instance	Throughout
Instance Condition	4- Between Fair and Poor
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	0-20%
Deficiency	DEFECTIVE LOCAL CONTROL PANEL
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
COMPACTOR	Does not exist
CONVEYING	Inspected
Dumbwaiter	Inspected
Condition	4- Between Fair and Poor
Are all the existing dumbwaiters operable?	No
Deficiency	No deficiencies recorded
Elevator	Does not exist

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

Mechanical Inspection

X007

Question	Response
CONVEYING	
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	Boiler Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN:MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Instance	Building Addition - Crawlspace by Exit 2
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN:MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	Building Addition - Crawlspace by Exit 2
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations 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	5- Poor
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Gas Fired Domestic Water Heater	Inspected
Instance	Boiler Room
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH

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

Mechanical Inspection

X007

Question	Response
DOMESTIC WATER SYSTEM	
Domestic Hot Water System	
Gas Fired Domestic Water Heater	
Manufacturer	A.O. Smith
EquipmentId	N/A
Capacity/Size Quantity	500
Capacity/Size UOM	MBH Input
Capacity/Size 2 Quantity	120
Capacity/Size 2 UOM	Gallons
Source of Capacity/Size	Inspector Estimate
Installation Year	2018
Source of Installation Year	Custodial Staff
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	DEFECTIVE DOMESTIC HOT WATER CIRCULATING PUMP
Deficiency Location/Instance	Boiler Room Mechanical Area
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
DRAIN/WASTE/VENT AND STORM SYSTEM	Inspected
Interior Storm Piping	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE/LEAKS
Deficiency Location/Instance	Teacher Lunch Room 153
Deficiency Quantity	10
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Sewage/Waste/Vent Piping	Inspected
Condition	3- Fair
Deficiency	SEWAGE/WASTE PIPING:DEFECTIVE/LEAKS
Deficiency Location/Instance	Boiler Room, Janitor Closet B55
Deficiency Quantity	20
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations 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

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

Mechanical Inspection

X007

Question	Response
FIXTURES	
Staff And Other	
Lavatory/Sink	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Toilet	Inspected
Condition	3- Fair
Deficiency	CRACKED/PHYSICAL DAMAGE
Deficiency Location/Instance	Boiler Room - Toilet Room; Toilet Room 350
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Urinal	Does not exist
Student	Inspected
Drinking Fountain	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Locker Room Shower	Inspected
Instance on 2nd Floor	Inaccessible
Sink And Fountain Combo Unit	Does not exist
Toilet	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Urinal	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
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
Gas Meter Room Vent	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Gas Pressure Booster	Does not exist
CO/Gas Leak Detection	Inspected
Instance	Sub-Basement - Boiler Room, Gas Meter Room
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Installation Year	2017
Source of Installation Year	Custodial Staff
Deficiency	No deficiencies recorded
HEATING	Inspected
Heating Coil In Ductwork	Inspected

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

Mechanical Inspection

X007

Question	Response
HEATING	
Heating Coil In Ductwork	
Condition	3- Fair
Deficiency	No deficiencies recorded
Hydronic Heating	Does not exist
Radiator/Convactor/Fin Tube	Inspected
Condition	3- Fair
Deficiency	RADIATOR/CONVECTOR:DAMAGED GUARD/SHIELD
Deficiency Location/Instance	Rooms 253, 308
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Steam Heating	Inspected
F&T/Steam Drip Trap	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
MER Steam and Condensate Piping	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE/LEAKS
Deficiency Location/Instance	Sub-Basement Mechanical Area
Deficiency Quantity	10
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	DEFECTIVE VALVE
Deficiency Location/Instance	Sub-Basement Mechanical Area
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Location/Instance	Boiler Room Mechanical Area
Deficiency Quantity	20
Quantity Uom	L.F.
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Steam Condensate Return Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Steam Condensate Return Pumping System	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE MOTOR
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3

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

Mechanical Inspection

X007

Question	Response
HEATING	
Steam Heating	
Steam Condensate Return Pumping System	
Purpose of Action	LEVEL 2
Violations	No violations recorded
Steam Piping	
Inspected	Inspected
Condition	3- Fair
Deficiency	DEFECTIVE VALVE
Deficiency Location/Instance	Boiler Room; Boiler Room - Toilet Room
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Terminal Unit Thermostatic Trap	
Inspected	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Steam supplied by External Sources	
Does not exist	Does not exist
Unit Heater/Cabinet Heater	
Inspected	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
HEATING PLANT	
Inspected	Inspected
Instance on Sub-Basement	Inspected
Is there a water meter on the boiler make-up water piping?	Yes
Observed Operational?	Yes
Burner Manufacturer	Gordon-Piatt
Burner Model	F12. 1 - GO - 50
Burner Type	Dual Fuel (Gas/Oil)
Heating Plant Oil Number	2
Boiler Auxiliaries	
Instance on Sub-Basement	Inspected
Boiler Auxiliary Piping	
Instance on Sub-Basement	Inspected
Instance Condition	3- Fair
Deficiency	DEFECTIVE BLOWDOWN PIPING
Deficiency Location/Instance	Boiler Room @ Boiler #2
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Boiler Emergency Stop Switch	
Instance on Sub-Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Feedwater System	
Instance on Sub-Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Feedwater Treatment(Automatic)	
Instance on Sub-Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded

NYC Department of Education
Building Condition Assessment Survey 2023-2024

Mechanical Inspection

X007

Question	Response
HEATING PLANT	
Boiler Auxiliaries	
Boiler Flue Exhaust	
Instance on Sub-Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Boiler Make-up Water Backflow Preventer	
Instance on Sub-Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Room Steam And Condensate Piping	
Instance on Sub-Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Boiler Safety Valve	
Instance on Sub-Basement	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Boiler System	
Instance on Sub-Basement	Inspected
Coal-fired Boiler	
Instance on Sub-Basement	Does not exist
Hot Water Boiler	
Instance on Sub-Basement	Does not exist
Modular Boiler	
Instance on Sub-Basement	Does not exist
Steam Boiler	
Instance on Sub-Basement	Inspected
Instance on Sub-Basement	Inspected
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	4,548
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	Burnham
EquipmentId	7090-01
Capacity/Size Quantity	5858
Capacity/Size UOM	MBH Gross
Source of Capacity/Size	Documented
Installation Year	2001
Source of Installation Year	Custodial Staff
Deficiency	No deficiencies recorded
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	4,548
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	Burnham
EquipmentId	7090-02
Capacity/Size Quantity	5858
Capacity/Size UOM	MBH Gross
Source of Capacity/Size	Documented
Installation Year	2001
Source of Installation Year	Custodial Staff

NYC Department of Education
Building Condition Assessment Survey 2023-2024

Mechanical Inspection

X007

Question	Response
HEATING PLANT	
Boiler System	
Steam Boiler	
Deficiency	DEFECTIVE SAFETY AUXILIARY: LOW-WATER CUT-OFF, WATER COLUMN ASSEMBLY
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
Fuel System	
Instance on Sub-Basement	Inspected
Boiler Fresh Air Louver/Damper	
Instance on Sub-Basement	Inspected
Instance Condition	3- Fair
Type	Automatic
Deficiency	No deficiencies recorded
Burner/Burner Control Panel	
Instance on Sub-Basement	Inspected
Instance Condition	3- Fair
Deficiency	DUAL FUEL (OIL/GAS) BURNER: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 Sub-Basement	Inspected
Instance Condition	3- Fair
Deficiency	FUEL OIL PIPING:DEFECTIVE FUSIBLE LINK
Deficiency Location/Instance	Sub-Basement Mechanical Area @ Fuel Oil Transfer Pumps
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
Gas Trains And Vent At The Boiler	
Instance on Sub-Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Enclosed IDF Room	
	Inspected
Instance on Building Addition - Room 208	Inspected
Instance on Original Building - Room next to Room 153	Inspected
Dedicated A/C Equipment	
Instance on Building Addition - Room 208	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Instance on Original Building - Room next to Room 153	Inspected
Instance Condition	4- Between Fair and Poor
Deficiency	DOES NOT EXIST
Deficiency Location/Instance	Original Building - Room next to Room 153

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

Mechanical Inspection

X007

Question	Response
Enclosed IDF Room	
Dedicated A/C Equipment	
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
KITCHEN	Inspected
Instance on Basement	Inspected
CO Detector	
Instance on Basement	Not required
Gas System	
Instance on Basement	Does not exist
Grease Trap	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Hood	
Instance on Basement	Does not exist
Hood Exhaust Ductwork	
Instance on Basement	Does not exist
Hood Exhaust Fan	
Instance on Basement	Does not exist
Hood Fire Suppression System	
Instance on Basement	Does not exist
Hot Water Temperature Booster	
Instance on Basement	Does not exist
Kitchen Sink	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
MDF Room	Inspected
Instance on Building Addition - Room 112	Inspected
Dedicated A/C Equipment	
Instance on Building Addition - Room 112	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	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

NYC Department of Education
Building Condition Assessment Survey 2023-2024

Mechanical Inspection

X007

Question	Response
SPRINKLERS, STANDPIPE, FIRE SYSTEM	
Water Gong	Does not exist
SWIMMING POOL	
	Does not exist
VENTILATION	
Is the building Mechanically ventilated?	Inspected Yes
Exhaust Fan	
Condition	Inspected 3- Fair
Approximate Total # of Fans	1-25
Deficiency	No deficiencies recorded
Heating And Ventilating Unit	
	Does not exist
Metal Ductwork	
Condition	Inspected 3- Fair
Are there any uninsulated ductwork by design in Mechanical rooms?	Yes
Are there chain operated dampers?	No
Deficiency	DAMAGED FLEXIBLE CONNECTION
Deficiency Location/Instance	Boiler Room Mechanical Area @ Cafeteria SF
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Supply Fan	
Condition	Inspected 3- Fair
Approximate Total # of Fans	1-5
Deficiency	No deficiencies recorded
Unit Ventilator	
Condition	Inspected 3- Fair
Deficiency	No deficiencies recorded