

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

Mechanical Inspection

X154

Asset: P.S. 154 - BRONX, 333 EAST 135 STREET, BRONX, NY, 10454

Inspection Id	Inspection Type	Time In	Last Edited
1729	MECHANICAL	2023-12-15 07:25AM	2024-06-20 03:23PM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Climate Control System - Electric System Years: 2023 Systems: Electric Domestic Water Heaters; Drinking Fountains (~90%); Student Fixtures - Lavatories/Sinks (~30%), Toilets (~30%), Urinals (~20%) Years: 2022 Systems: Boiler Safety Valves (2 of 4) Years: 2020 Systems: Boiler Safety Valves (2 of 4); Student Fixtures - Lavatories/Sinks (~60%), Toilets (~30%), Urinals (~40%) Years: 2019 Systems: Terminal Unit Thermostatic Traps; Student Fixtures - Lavatories/Sinks (~10%), Toilets (~30%), Urinals (~30%) Years: 2018 Systems: MDF Room - Dedicated A/C Equipment (1 of 2, DX Split System) Years: 2016 Systems: Boiler Fresh Air Louver/Dampers; MDF Room - Dedicated A/C Equipment (1 of 2, DX Split System) Years: 2015 Systems: Water Service; Electric Pressure Booster System Years: 2014 Systems: Kitchen - Grease Trap Years: 2013
Are there fuel tanks?	Yes
Total # of above ground tanks	2
Total capacity of all above ground tanks in gal.	15,000
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	2
MERs/Fan Rooms Locations	Fan Room 118, MER 301
Are there any spaces with Missing or Defective CO Detectors?	Yes
Location(s)	Kitchen
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
Yes	Defective Kitchen Gas System	By-pass Valve of Master Gas Control Valve is in open position	Gas System	Kitchen	Julio Mateo	Custodian	No Photo Taken

Inspection

Question	Response
Mechanical	
AIR CONDITIONING	Does not exist
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not exist
CLIMATE CONTROL SYSTEM	Inspected
BMS	Does not exist
Pneumatic System	Inspected
Instance	Throughout except Gymnasium, Auditorium

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

Mechanical Inspection

X154

Question	Response
CLIMATE CONTROL SYSTEM	
Pneumatic System	
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	61-80%
Deficiency	DEFECTIVE TEMPERATURE CONTROL THERMOSTAT
Deficiency Location/Instance	Various Locations
Deficiency Quantity	15
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	Gymnasium, Auditorium
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Deficiency	No deficiencies recorded
COMPACTOR	Does not exist
CONVEYING	Inspected
Dumbwaiter	Does not exist
Elevator	Under construction
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	Boiler Room
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Liquitrol
EquipmentId	N/A
Capacity/Size Quantity	2
Capacity/Size UOM	Total # Pumps
Capacity/Size 2 Quantity	20
Capacity/Size 2 UOM	Total Pumps HP
Source of Capacity/Size	Documented
Installation Year	2014
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Hydraulic/Pneumatic Booster System	Does not exist
Water Service	Inspected
Instance	Basement - Sprinkler/Water/Gas Meter Room B2, Water Meter Room near Exit 1
Instance Condition	1- Good

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

Mechanical Inspection

X154

Question	Response
DOMESTIC WATER SYSTEM	
Domestic Cold Water System	
Water Service	
Instance Quantity	2
Instance Quantity Uom	EACH
Deficiency	No deficiencies recorded
Domestic Hot Water System	
Domestic Hot Water Remote Storage Tank	
Inspected	
Domestic Water Heat Exchanger	
Inspected	
Condition	3- Fair
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	150
Quantity Uom	S.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
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	
Under construction	
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	SEWAGE/WASTE PIPING:CLOGGED
Deficiency Location/Instance	Kitchen
Deficiency Quantity	30
Quantity Uom	L.F.
Potential Action	MAINTENANCE
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
Lavatory/Sink	
Inspected	
Condition	3- Fair
Deficiency	No deficiencies recorded

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

Mechanical Inspection

X154

Question	Response
FIXTURES	
Staff And Other	
Toilet	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Urinal	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Student	
Drinking Fountain	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Lavatory/Sink	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Locker Room Shower	Inspected
Instance on 2nd Floor	Inaccessible
Sink And Fountain Combo Unit	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Toilet	Inspected
Condition	1- Good
Deficiency	CLOGGED/LEAKING
Deficiency Location/Instance	Girls Toilet Room 222, Boys Toilet Room 329
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Urinal	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
GAS FIRED FURNACE	
	Does not exist
GAS SERVICE	
	Inspected
Gas Distribution Piping	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Gas Meter Room Exhaust Fan	Does not exist
Gas Meter Room Vent	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Gas Pressure Booster	Does not exist
CO/Gas Leak Detection	Does not exist
HEATING	
	Inspected
Heating Coil In Ductwork	Inspected
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	Girls Toilet Room 222
Deficiency Quantity	1

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

Mechanical Inspection

X154

Question	Response
HEATING	
Radiator/Convactor/Fin Tube	
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Steam Heating	Inspected
F&T/Steam Drip Trap	
Condition	3- Fair
Deficiency	No deficiencies recorded
MER Steam and Condensate Piping	
Condition	3- Fair
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Location/Instance	MER 301 @ Gymnasium Blower
Deficiency Quantity	10
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	
Condition	3- Fair
Deficiency	No deficiencies recorded
Steam Condensate Return Pumping System	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Steam Piping	
Condition	3- Fair
Deficiency	No deficiencies recorded
Terminal Unit Thermostatic Trap	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Steam supplied by External Sources	
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	Preferred Utilities
Burner Model	BHE7V3A4
Burner Type	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

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

Mechanical Inspection

X154

Question	Response
HEATING PLANT	
Boiler Auxiliaries	
Boiler Feedwater System	
Instance on Basement	Does not exist
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	Does not exist
Boiler Room Steam And Condensate Piping	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	30
Quantity Uom	L.F.
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Boiler Safety Valve	
Instance on Basement	Inspected
Instance Condition	1- Good
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
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	4,725
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	National U.S. Radiator Corp.
EquipmentId	49713-1
Capacity/Size Quantity	4725
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	1962
Source of Installation Year	Documented
Deficiency	DEFECTIVE AUXILIARY (GAUGES, GASKETS ETC.)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3

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

Mechanical Inspection

X154

Question	Response
HEATING PLANT	
Boiler System	
Steam Boiler	
Purpose of Action	LEVEL 4
Violations	39022392Z
Deficiency	DAMAGED CASING
Deficiency Quantity	5
Quantity Uom	S.F.
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 4
Violations	39022392Z
Instance	Boiler room
Instance Condition	3- Fair
Instance Quantity	4,725
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	National U.S. Radiator Corp.
EquipmentId	49713-2
Capacity/Size Quantity	4725
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	1962
Source of Installation Year	Documented
Deficiency	DEFECTIVE AUXILIARY (GAUGES, GASKETS ETC.)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	DAMAGED CASING
Deficiency Quantity	5
Quantity Uom	S.F.
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Fuel System	
Instance on Basement	Inspected
Boiler Fresh Air Louver/Damper	
Instance on Basement	Inspected
Instance Condition	1- Good
Type	Automatic
Deficiency	No deficiencies recorded
Burner/Burner Control Panel	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	BURNER CONTROL PANEL:DEFECTIVE BOILER MAKE-UP AIR INTERLOCK
Deficiency Location/Instance	Boiler Room @ Boilers #1, #2
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2

NYC Department of Education
Building Condition Assessment Survey 2023-2024

Mechanical Inspection

X154

Question	Response
HEATING PLANT	
Fuel System	
Burner/Burner Control Panel	
Violations	No violations recorded
Fuel Oil Storage/Supply System	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Gas Trains And Vent At The Boiler	
Instance on Basement	Does not exist
Enclosed IDF Room	
Instance on Rooms 109, 216, 315	Inspected
Dedicated A/C Equipment	
Instance on Rooms 109, 216, 315	Inspected
Instance Condition	4- Between Fair and Poor
Deficiency	DOES NOT EXIST
Deficiency Location/Instance	Rooms 109, 216, 315
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
KITCHEN	
Instance on 1st Floor	Inspected
CO Detector	
Instance on 1st Floor	Inspected
Instance Condition	4- Between Fair and Poor
Deficiency	DEFECTIVE/MISSING
Deficiency Location/Instance	Kitchen
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
Gas System	
Instance on 1st Floor	Inspected
Instance Condition	4- Between Fair and Poor
Deficiency	DEFECTIVE MASTER GAS CONTROL VALVE
Deficiency Location/Instance	Kitchen (By-pass Valve of Master Gas Control Valve is in open position)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
Grease Trap	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Hood	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair

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

Mechanical Inspection

X154

Question	Response
KITCHEN	
Hood	
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	Does not exist
Hot Water Temperature Booster	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Kitchen Sink	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Kitchen
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 4
Violations	SF85831
MDF Room	
Instance on Room 343	Inspected
Dedicated A/C Equipment	
Instance on Room 343	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Room 343 (1 of 2)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations 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	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	NOT IN USE
Deficiency Location/Instance	Sprinkler/Water/Gas Meter Room B2
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1

NYC Department of Education
Building Condition Assessment Survey 2023-2024

Mechanical Inspection

X154

Question	Response
SPRINKLERS, STANDPIPE, FIRE SYSTEM	
Wet Sprinkler Alarm Valve Assembly	
Violations	No violations recorded
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
Water Gong	Does not exist
SWIMMING POOL	Does not exist
VENTILATION	Inspected
Is the building Mechanically ventilated?	Partial
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?	Yes
Are there chain operated dampers?	No
Deficiency	DEFECTIVE REGISTER/DIFFUSER
Deficiency Location/Instance	Gymnasium
Deficiency Quantity	5
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Supply Fan	Inspected
Condition	3- Fair
Approximate Total # of Fans	1-5
Deficiency	No deficiencies recorded
Unit Ventilator	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded