

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

Mechanical Inspection

X211

Asset: P.U.L.S.E. HS - BRONX, 560 EAST 179 STREET, BRONX, NY, 10457

Inspection Id	Inspection Type	Time In	Last Edited
4143	MECHANICAL	2024-03-21 07:14AM	2024-05-02 08:59AM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Sump Pumps Years: 2022 Systems: Steam Condensate Return Pumping System Years: 2019 Systems: MDF Room - Dedicated A/C Equipment (1 of 2, DX Split System); Water Service; Terminal Unit Thermostatic Traps Years: 2018 Systems: MDF Room - Dedicated A/C Equipment (1 of 2, window A/C) Years: 2015
Are there fuel tanks?	Yes
Total # of above ground tanks	1
Total capacity of all above ground tanks in gal.	5,000
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	1
MERs/Fan Rooms Locations	Penthouse Gravity Roof Tank Room
Are there any spaces with Missing or Defective CO Detectors?	Yes
Location(s)	Boiler Room
Are there any Painted/Obstructed Sprinkler Heads?	Yes
Location(s)	Kitchen Office, Rooms 211, 213, 306, 310, 312, 313, 400, 405, 406, N/A 407, 409, 412, 413, 414, 4th Floor Corridor by Stair "A", Stair "B" Bulkhead, Stair "A" 2nd Floor, Stair "A" 4th Floor (painted, 31)
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	Does not exist
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not exist
CLIMATE CONTROL 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

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Question	Response
DOMESTIC WATER SYSTEM	
Domestic Cold Water System	
Pressure Booster System	Does not exist
Water Service	Inspected
Instance	Basement
Instance Condition	1- Good
Instance Quantity	1
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	3- Fair
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	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	Does not exist
Sump Pump	Inspected
Condition	2- Between Good and Fair
Deficiency	DEFECTIVE
Deficiency Location/Instance	Basement
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations 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
Toilet	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Urinal	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded

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Question	Response
FIXTURES	
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	CRACKED/PHYSICAL DAMAGE
Deficiency Location/Instance	Girl's Toilet Room 110
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Urinal	Inspected
Condition	3- Fair
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	Does not exist
Gas Pressure Booster	Does not exist
CO/Gas Leak Detection	Does not exist
HEATING	Inspected
Heating Coil In Ductwork	Does not exist
Hydronic Heating	Does not exist
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	Does not exist
Steam Condensate Return Piping	Inspected
Condition	3- Fair
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Location/Instance	Room 111
Deficiency Quantity	20
Quantity Uom	L.F.
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2

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Question	Response
HEATING	
Steam Heating	
Steam Condensate Return Piping	
Violations	No violations recorded
Steam Condensate Return Pumping System	
Condition	Inspected
Deficiency	1- Good
Deficiency	No deficiencies recorded
Steam Piping	
Condition	Inspected
Condition	3- Fair
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Location/Instance	Room 111
Deficiency Quantity	20
Quantity Uom	L.F.
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Terminal Unit Thermostatic Trap	
Condition	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Steam supplied by External Sources	
Unit Heater/Cabinet Heater	Does not exist
Unit Heater/Cabinet Heater	Does not exist
HEATING PLANT	
Instance on Basement	Inspected
Is there a water meter on the boiler make-up water piping?	Inspected
Burner Manufacturer	No
Burner Model	Power Flame
Burner Type	N/A
Heating Plant Oil Number	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	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	No deficiencies recorded
Boiler Safety Valve	

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Question	Response
HEATING PLANT	
Boiler Auxiliaries	
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	Inspected
Instance on Basement	Inspected
Instance	Old Boiler Room
Instance Condition	3- Fair
Instance Quantity	0
Instance Quantity Uom	MBH NET
Manufacturer	Titusville Iron Works Co
EquipmentId	N/A
Capacity/Size Quantity	0
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Inspector Estimate
Installation Year	1941
Source of Installation Year	Documented
Deficiency	NOT IN USE
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
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	2,599
Instance Quantity Uom	MBH NET
Cast Iron Boiler?	No
Manufacturer	Federal Boiler Company
EquipmentId	6487-1
Capacity/Size Quantity	2599
Capacity/Size UOM	MBH Net
Source of Capacity/Size	Documented
Installation Year	1979
Source of Installation Year	Inspector Estimate
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Quantity	10
Quantity Uom	S.F.
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	LEAKY/PLUGGED TUBES

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Question	Response
HEATING PLANT	
Boiler System	
Steam Boiler	
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
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	3- Fair
Type	Fixed Louver
Deficiency	No deficiencies recorded
Burner/Burner Control Panel	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies 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	
	Does not exist
KITCHEN	
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	3- Fair
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	

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Question	Response
KITCHEN	
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	
Instance on Room 310	Inspected
Dedicated A/C Equipment	
Instance on Room 310	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	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
Siamese Connection	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
Sprinkler Head	
Condition	Inspected
Deficiency	3- Fair
Deficiency Location/Instance	DEFECTIVE/DETERIORATED Kitchen Office, Rooms 211, 213, 306, 310, 312, 313, 400, 405, 406, N/A 407, 409, 412, 413, 414, 4th Floor Corridor by Stair "A", Stair "B" Bulkhead, Stair "A" 2nd Floor, Stair "A" 4th Floor (painted, 31)
Deficiency Quantity	31
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
Sprinkler Piping	
Condition	Inspected
Deficiency	3- Fair
Deficiency Location/Instance	DEFECTIVE/LEAKS Penthouse Gravity Roof Tank Room (flange)
Deficiency Quantity	10
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Standpipe System	
	Does not exist
Water Gong	
	Does not exist

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Question	Response
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	DEFECTIVE
Deficiency Location/Instance	Toilet Room inside Kitchen Office; Janitor Closet Room 108
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Heating And Ventilating Unit	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Metal Ductwork	Inspected
Condition	3- Fair
Are there any uninsulated ductwork by design in Mechanical rooms?	No
Are there chain operated dampers?	No
Deficiency	DEFECTIVE DUCTWORK
Deficiency Location/Instance	Roof
Deficiency Quantity	10
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